

# Introduction

## Getting the most out of this guide

This document was designed to introduce you to forScore's many features, and to give you a framework of knowledge to use as you continue exploring and learning on your own. It's not a technical manual and isn't intended to provide exhaustive step-by-step instructions for every situation.

Every person learns differently, and while we do our best to make things clear for users of all levels of experience, you may have some questions that aren't answered here. If that's the case, visit [forscore.co/support](https://forscore.co/support) to find more specific answers and topics.

## Devices

forScore is compatible with iPads running iPadOS 15 or later, iPhones or iPod Touches on iOS 15 or later, and Macs using macOS 12 or later. Except where noted, functions available on one device are also available (and work similarly) on the others. Exact placement and appearance of features and icons may vary based on your OS version, device, settings, and multitasking mode.

iPadOS and iOS are nearly identical in most respects, so to keep things concise we sometimes refer to them collectively as "iOS" in this guide. Unless otherwise noted, those references apply equally to both platforms.

## Terminology

forScore is designed to be used with a variety of input methods including touch, keyboards, and trackpads or mice. In general, we use words like "tap" and "drag" or "swipe" which translate to "click" or "scroll" when using a mouse or trackpad. When we refer to screen size or device orientation, these concepts translate to window size and aspect ratio when windowing is used.

## A note about Drag and Drop and Contextual Menus

Since they were introduced, forScore has fully supported and made extensive use of both Drag and Drop and Contextual Menu interactions. To keep things simple, this guide doesn't call out every situation where these features are available. Instead, we provide two sections at the end of this document that help you understand when these interactions can speed up the tasks you've learned about in earlier sections.

## Additional information about this user guide

This user guide is provided as a courtesy, as-is and without guarantee or warranty. Although we thoroughly proofread the content herein for accuracy and clarity, you are solely responsible for the integrity and protection of your information while using forScore.

This guide was last updated for version 14.0, and all features are subject to change without notice. If you are unsure how any of the processes described in this guide may affect your information, consider backing up your data before proceeding.

Please remember that many musicians rely on the legitimate sale of their sheet music as an essential part of their income. Although forScore provides the mechanism for importing PDF files from the numerous sources, it is solely your responsibility to ensure that doing so does not infringe upon any current laws or restrictions under which you are subject.

For any questions, corrections, suggestions, or concerns, please visit [forscore.co/support](https://forscore.co/support) and send us a message—your feedback is how we make better products.

# Basics

Welcome to forScore! Here are a few quick things you should know before you get started.

## Turning Pages

Turn the page with two basic kinds of gestures: swipes and taps. Swipe left or right across the screen like flipping through pages in a book, or simply tap either side of the screen once. When using a trackpad or mouse, click the sides of the page or scroll to turn pages.

## Landscape

To get a better view of your score, turn your device sideways: the page will fill up the screen's width and extend downward if necessary. Swipe or tap to scroll from top to bottom and between pages, or drag the page up and down with your finger.

## Controls

To help you get the best view of your music, forScore's controls are hidden by default. A quick, single tap or click in the middle of the page reveals these controls:



This bar along the top of the screen gives you access to six important items (in blue): scores, bookmarks, and setlists on the left, and search, audio utilities, and the tools menu on the right. These items are discussed in greater detail throughout this guide.

The darker area in the middle of the toolbar displays the current item's title, composer, and gives you quick access to commonly used tools and functions. The gear icon on the left shows the Display Options overlay (learn more below), and the ellipsis icon on the right presents a menu that includes additional options related to the piece of music you're currently viewing.

## Seek Bar

Along the bottom of the page, a slider control allows you to quickly preview and jump to any page in the current score. If you've added bookmarks to your score, the name of the bookmark hovers above the white dot as you scroll or drag it across the screen.

## Zoom

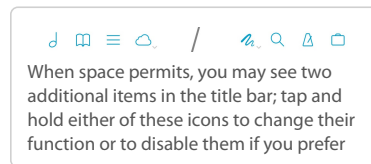
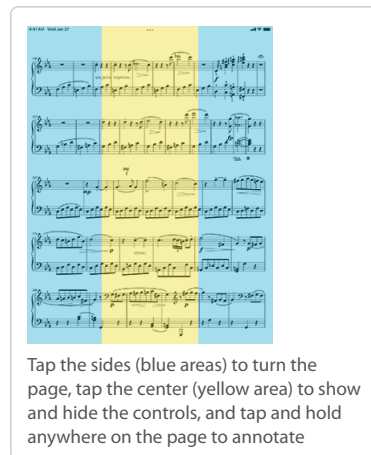
Place two fingers on the screen (or trackpad) and move them farther apart to zoom in, or closer together to zoom out. Double-tap while zoomed in to return to the normal size, and double-tap while zoomed out to show additional display options.

## Display Options

Double tap the center of the page or tap the gear icon in the title bar to show the Display Options overlay which gives you quick access to window-specific options including presentation, layout, and page turning functions or behaviors.

Display modes let you control how your music is presented: standard mode uses a common 3:4 aspect ratio to ensure the page looks the same on every device, best fit mode gives you a better view but may clip some annotations, and zoomed mode makes the page as big as possible but may clip the left and right edges of your music. When you're viewing a single page in landscape orientation, choose between the default scrolling behavior and a best fit mode that shrinks the page to fit on the screen.

This overlay also gives you quick access to half page turns (in portrait orientation), two-up mode (in landscape orientation), visual effects like Sepia, and page turning modes like performance mode, Reflow, Face Gestures, and more. If an external display is connected, this overlay also shows additional options related to video output.



# Adding Files

forScore is designed around the PDF file format and generally works best when each file in your library contains all pages of a single piece of sheet music. If you have separate PDF files or images for each page of a score, you'll need to combine those into one multi-page PDF file first.

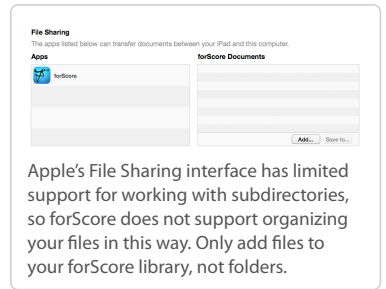
If you've got a longer PDF file that you prefer to keep together, bookmarks allow you to easily identify and navigate to specific pieces within the larger compilation. Learn more in the [Bookmarks](#) section of this user guide.

## Copying Files to forScore

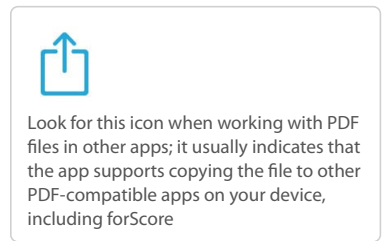
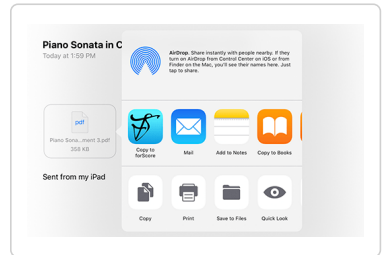
**Import:** Open forScore's main menu and tap "Import" (or press command-I) to browse for any compatible files stored on your device or through any cloud services you've configured (learn more in [The Files App](#) section of this guide). On a Mac, you can also access the Import function from the menu bar under File > Import. On an iPad or Mac, use [Drag & Drop](#) to quickly and easily copy files into your forScore library.

**From a computer to an iPad or iPhone:** If you already have a PDF sheet music collection on your computer, [File Sharing](#) is a great way to get started. As of macOS 10.15 this panel is built into Finder, while in previous versions (and on Windows computers) it's built into iTunes instead. Visit [support.apple.com/HT201301](https://support.apple.com/HT201301) for the most up-to-date instructions.

**From other apps:** Use any app that supports system sharing features to send a copy of a PDF file to forScore. From the Mail app in iOS 14, for instance, tap and hold your finger down over an attachment until the contextual menu appears, then choose "Share" and tap "Copy to forScore." In Safari and many other apps, look for the action icon (see the example to the right of this page) while viewing a PDF file. Each app works a little differently, so consult their documentation for explicit instructions.



Apple's File Sharing interface has limited support for working with subdirectories, so forScore does not support organizing your files in this way. Only add files to your forScore library, not folders.



Look for this icon when working with PDF files in other apps; it usually indicates that the app supports copying the file to other PDF-compatible apps on your device, including forScore

## Services

If you've purchased content from digital retailers like [Musicnotes](#), [Noteflight](#) and [Virtual Sheet Music](#), or if you use a cloud storage service like Dropbox, use the Services panel to access your files. Visit the [Services](#) section of this guide to learn more.

## Scan

For paper music you haven't yet digitized, Scan is a great option. With it, you can snap photos of each page and let forScore turn them into a PDF file for you. Learn more about this feature in the [Scan](#) section of this guide.

## Text Files

You can also add text files (TXT, RTF, DOC, or DOCX) to your forScore library and they will be automatically converted to PDF files for you. Some formatting may be lost, however, so for the best results consider exporting those documents as PDFs first.

## Deleting Files

To remove a score from forScore, swipe across it from right to left in the menu or right click and tap the red Delete (trash can) action—it'll ask you to confirm so you don't delete anything by accident. You can also tap on the "Edit" button to select multiple items from the list and delete them all at once.

If you've deleted something and need to get it back, you may be able to retrieve it by choosing "backup" from the tools menu and tapping "recently deleted."

# Menus

When you're not viewing a page of music, the most common type of view you'll be working in with forScore is a menu, or a list of items. You'll learn about specific menus later in this guide, but there are a few important concepts that apply equally to most of the menus found in the app's main window:

## Layout

Menus usually feature a navigation bar along the top. This bar includes a title as well as edit, add, and back buttons (when appropriate). On iPhones or in other cases where space is limited, some of these buttons may appear in a toolbar along the bottom of the menu instead.

Below the navigation bar, you'll see a series of buttons that alter the content or sort order of the list below it. While you're editing a list, this bar may also show available actions, and it may scroll left and right if needed to display all of the options.

Most menus also include a search bar hidden between the navigation bar and the sort bar—drag the list downward to access it. When you're done searching, or when you scroll down, the search bar slides back under the control bar and hides out of sight until you need it again.

Menus may also include an index down the right-hand side which allows you to move quickly through longer lists. Tap or drag your finger up and down over it to jump to a particular spot or first letter (if the list is sorted alphabetically).

## Working With Lists

To open an item, just tap on it. If you're viewing a list of scores, you can swipe from left to right over an item and tap the glasses icon to preview it. Tap the thumbnail image of the page to open it, tap the + button in the lower right-hand corner to open it in a new tab, or tap outside of it to close the preview. To delete or share an item, swipe your finger across it from right to left and tap one of the actions that appear.

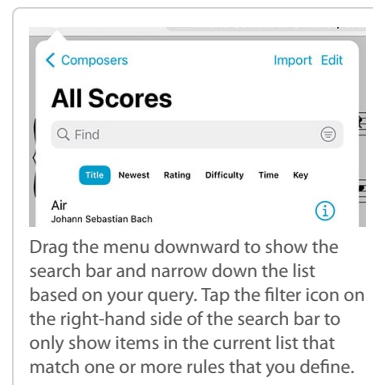
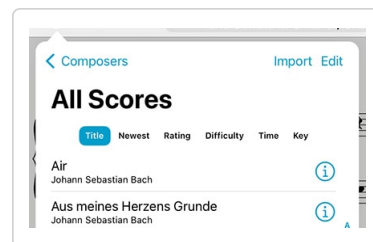
You may also see a button or symbol off to the right-hand side of each item. A light gray arrow or chevron symbol indicates that selecting the row will display an additional list of items, such as selecting a composer to see all of their scores. A circular colored button lets you edit an item, while tapping anywhere else in that row opens the item instead.

One of the most important items in a menu is the edit button in the navigation bar or toolbar. While in edit mode, you can tap to check or uncheck multiple items in the list and then use the options along the top of the list to work with those files in a number of different ways. These options can vary, but usually include the ability to select or de-select all items and delete or share them.

*Tip: contextual menus combine most of these functions into one easy interaction. Just tap and hold an item to see its preview, tap it to open it, tap one of the available actions instead, or drag it away to use Drag and Drop gestures. Learn more in the [Contextual Menus](#) section of this guide.*

## Sidebar

On the Mac, forScore uses a sidebar to present many of its menus. It uses one of two styles: overlay or tile (tap the Sidebar button in the toolbar along the bottom of the menu to switch between these modes). Overlay dims the page and only allows you to access the menu—tap the dimmed area to dismiss it. In tiled mode, you can work with menus and the main view at the same time. Note that when the window is too small to use tiled mode, it switches back into overlay mode automatically. This sidebar layout is also optionally available via [Display Options](#) on compatible iPad models (those that support Stage Manager).



# Scores

The score menu organizes your files by Composers, Genres, Tags, and Labels. These lists are generated dynamically based on each score's metadata, so they only show values currently in use by one or more items in a library.

Tap any of these entries to see all of the scores that fall within that category. A single score may be visible in several different lists, so long as it matches the corresponding category or setlist. (For example, a score with the composer "Bach" and the genre "Baroque" will be listed under both categories.) Most submenus can be sorted by date added, rating, difficulty, reference, key, time, or alphabetically by title.

*Tip: The "All Scores" item lists everything—if you haven't set up any categories or prefer not to use them, just tap on it. The menu reopens to the last submenu you were viewing, so unless you tap the back button you'll automatically return to this list each time.*

## Libraries

Tap the "Library" button in the top left-hand corner of the root menu to create and work with entirely separate collections of music (i.e. for different bands). When you're working with a different library, this button's title changes to reflect your current selection.

## Find & Filter

Drag or scroll downward to reveal a search bar that lets you quickly find a particular category or item in the list below it. In submenus, the filter icon on the left-hand side of the search bar lets you narrow down your results even further by cross-referencing categories using advanced rules (i.e. only show items that include or exclude specific categories or setlists).

*Tip: forScore scans for new files periodically. If you've just added something that's not showing up, drag or scroll down even farther until you see the refresh symbol, then let go to update the listing.*

## Metadata

The circled info button off to the right-hand side of each score opens the metadata editor, which you can read more about in the [Metadata](#) section of this guide.

## Managing Files

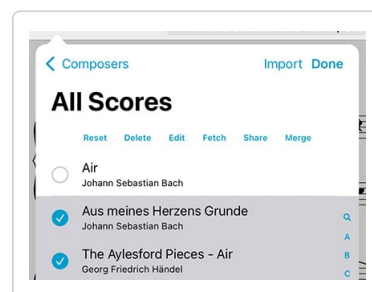
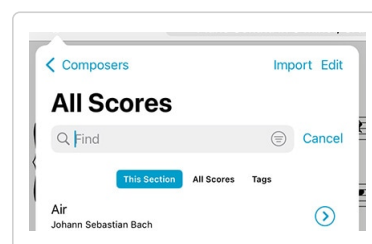
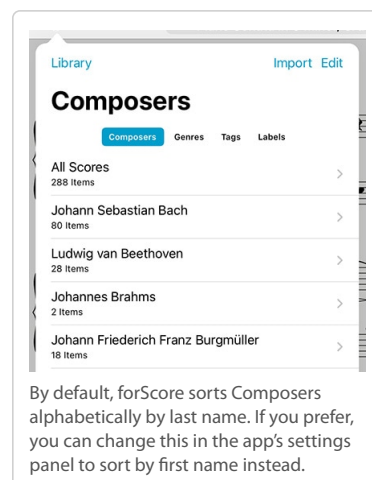
Swipe your finger across a score or bookmark in the menu from right to left to delete or share it, or from left to right to preview it. You can also tap the "Edit" button to select one or more items in the list and work with them in different ways, depending on the context. Use the "Import" button to add files from other apps or using your favorite cloud storage service.

## Merging Files

If you have pages of a score in individual PDFs or several different sections that you'd like to combine and play through continuously, tap the "Edit" button and select two or more files in the order that they should be combined. Then, use the "Merge" option to provide a title to create a new PDF file in your library.

## Cloning

Cloning allows you to duplicate a score without using up any more of your device's free storage. As long as the two copies are identical, they'll only take up the space of one. Clones work just like any other file on your device, so you can share them or annotate each one uniquely and add it to its own setlist. If you ever want to permanently edit one of the copies (using forScore's [Rearrange](#) tool, for instance) iOS separates the underlying data automatically so there's nothing else you need to do.



# Bookmarks

Bookmarks can either be simple references to a specific page, like a table of contents, or they can reference a span of pages that act like a virtual item in your library. We call these “page” or “item” bookmarks. Item bookmarks appear in the score menu like any other PDF file, start and stop on the pages you specify, and can even have their own metadata and audio tracks.

*If you prefer, configure forScore to not show bookmarks outside of the Bookmarks menu by disabling the “score menu includes bookmarks” option in forScore’s settings panel.*

No matter which kind of bookmarks you create, the Bookmarks menu always displays all of the bookmarks for the PDF file you’re currently viewing.

## Creating Bookmarks

In the bookmarks menu (the open book icon), tap the + button to open the bookmark creator and choose which type of bookmark you’d like to create. Supply a title and page number(s) and, once any errors have been corrected, tap the Save button to finalize your bookmark. You can also tap the + button again to save the current bookmark and create another without returning to the menu first.

### Table of Contents:

If your PDF file contains a table of contents, you can view it by selecting the menu’s “TOC” sort type. Tap on an item to go to that page, or tap “Import” to create bookmarks using this information as a starting point.

### CSV Files:

If you have CSV (comma-separated value) files, you can use the Indexes feature to create your bookmarks. Add the file to forScore using any of the same methods you use to add PDFs, then tap the “Indexes” browser in the top left-hand corner of the Bookmarks menu and choose your file to begin.

This panel lists the values found in each row of your CSV file, and you can tap on a value to specify how it should be used in forScore. Use the arrow buttons along the bottom to verify that the information in each row looks correct, skipping any header or footer rows and adjusting page numbers if needed. When you’re done, tap Save to create your bookmarks.

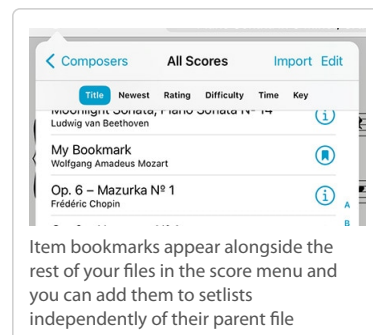
## Editing & Deleting Bookmarks

To edit a bookmark, tap the arrow button next to it. If it’s a simple bookmark, you’ll see the same interface you used to create the bookmark and you can edit its title, start page, or add an end page to turn it into an Item bookmark. Tap the button next to an item bookmark and you’ll open the metadata panel which you’ll learn about in the [Metadata](#) section of this guide.

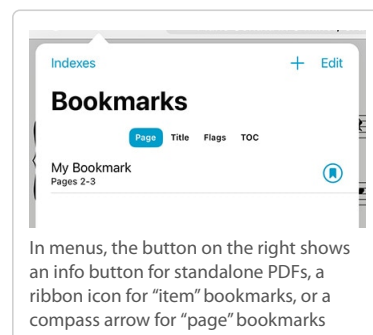
Delete a bookmark by swiping over it from right to left and choosing the Delete (trash can) action. You can also use the Edit button to select multiple bookmarks and delete them at once. Note that deleting a bookmark doesn’t affect the score it came from, but deleting a score deletes all of its bookmarks.

## Flags

Flagging a page is a quick and easy way to mark it so you can remember to come back to it later. Switch to the “Flags” sort type and use the flag button to flag or un-flag the current page. Use the ellipsis button to switch between viewing flagged pages in the current score or across all scores in your library, and tap the trash can to delete all of the flags in the list at once.



Item bookmarks appear alongside the rest of your files in the score menu and you can add them to setlists independently of their parent file



In menu, the button on the right shows an info button for standalone PDFs, a ribbon icon for “item” bookmarks, or a compass arrow for “page” bookmarks

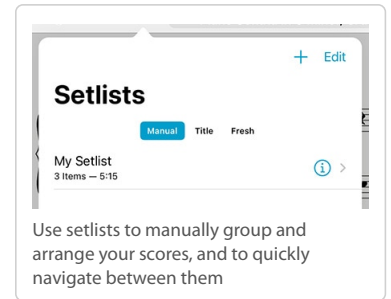
# Setlists

## The Setlist Menu

Unlike the score menu, with automatically generated contents, the setlist menu is completely manual. Create a setlist by tapping the + button and typing in a title, and rename or move it up or down by tapping the “edit” button. Tap on any setlist to view or edit its contents.

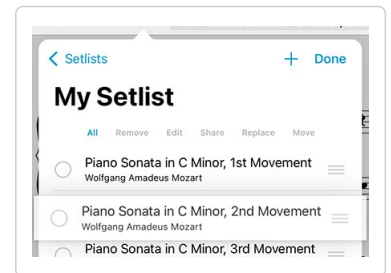
The main list of setlists and the contents of each individual setlist can be sorted manually, alphabetically, or by least-recently played (fresh). In addition, a setlist’s contents can be sorted randomly and shuffled at any time: drag the list downward until you see the refresh control, then let go to re-shuffle the queue.

*Tip: When creating a setlist, tap the icon on the right-hand side of the text field to change whether the new setlist is inserted at the top or bottom of the list.*



## Setlist Editor

While viewing a setlist, use the + button to add new items to it. A full-screen editor will appear, showing you the current setlist on the left and your library on the right. The library view lets you see a complete list of your scores sorted alphabetically, or it lets you browse just like you can in the Score menu—by composer, genre, tag, or label—and sort within a category by title, newest, rating, difficulty, time, and key.



Tap on any item in the library view (on the right) to add it to your setlist (on the left). A dot appears next to any item that already exists in the setlist. You can also remove items from the setlist or rearrange them at any time.

You can also replace an item in your setlist by tapping to select it. Once it starts pulsating, select another item from your library to take its place. Or, if you change your mind, tap the setlist item a second time to de-select it.

Three buttons along the bottom of the editor give you additional options: add the current score to your setlist, create a placeholder with a custom name, or add all of the items listed on the right to your setlist at once.

## Rearranging Setlists

With the “Manual” sort order selected, you can arrange your setlists or their contents using Drag and Drop gestures or by tapping the Edit button and using the control on the right-hand side of each item (three horizontal lines). Tap and hold the control until the row pops out of the table view, and then drag the score upward or downward and let go when you reach the correct spot.

## Deleting Setlists & Removing Items

To delete an entire setlist, swipe your finger across it from right to left and confirm by pressing the red Delete action. You can also tap the “edit” button and select one or more setlists, then choose “delete” from the options near the top of the menu.

Use the same process within a setlist to remove one or more of its entries (note that this uses an orange Remove action instead of a red Delete action since removing an item from a setlist doesn’t affect the original item).

## Setlist Metadata

The setlist metadata panel lets you change a setlist’s name, manage its folder location, or choose which libraries it belongs to (if you’ve created any). Tap the info button next to any setlist to see these options. You can also use edit mode to select several setlists and choose the “edit” option near the top of the menu to batch edit them.

## Setlist Folders

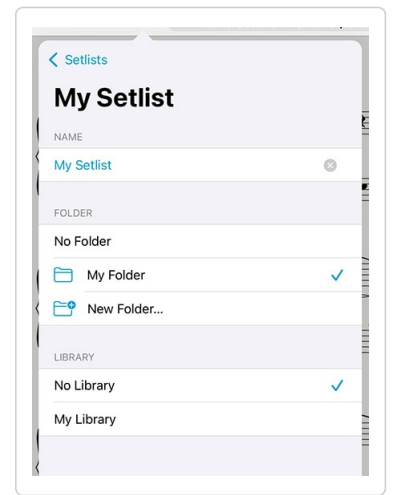
Use folders to better organize your setlists. Unlike in the score menu, where an item can appear in multiple category lists based on its attributes, folders are concrete locations; a setlist can only ever be in one folder at a time, just like on a computer.

This allows you to do things like create an “archived” folder for setlists you want to keep but aren’t currently using.

To create a new empty folder, tap the “edit” button and then tap the new folder icon with a “+” symbol inside it. Supply a name and your folder will appear at the bottom of the list. Folders can be rearranged and mixed in with your other setlists, so feel free to put them anywhere in your list.

Use the setlist metadata panel to move a setlist into or out of a folder. Tap the info button next to any setlist or use edit mode to select multiple setlists and batch edit them to change their folder location. Select any existing folder, create a new one, or select “no folder” to move your setlist or setlists.

*Note: If you use libraries, creating a setlist folder permanently assigns it to the current library. Setlist folders can only contain setlists that are also assigned to that library.*



## Edit Mode Actions

In the main list of setlists, entering edit mode and selecting a setlist will allow you to perform several different actions: delete, duplicate, share, or edit its metadata. If you select multiple setlists, you’ll be able to either delete them or batch edit some of their metadata. Below you’ll learn more about the actions we haven’t already covered in this section.

### Sharing Setlists:

Setlists can be shared in a variety of different ways. You can share a simple text list, a forScore-specific ‘4SS’ file format, or as a single PDF (with or without permanent annotations).

The 4SS file format is the best way to share your setlists with other forScore users. You can choose to send just the setlist information, in which case it’s up to the recipient to provide their own PDF files (forScore uses placeholders for missing files). Or, you can send the setlist and all of its associated files (you can choose whether or not to include score-specific metadata).

### Duplicating Setlists:

Use the “duplicate” action to create a second copy of a setlist. This can be helpful if you have a setlist that you use often but need to tweak for a specific situation—make your changes and the original will remain intact.



# Metadata

Adding information to each item in your music library allows you to easily search for a piece, browse through your library, and sort items in various ways.

You can view and edit an item's metadata by tapping the title of the current item in the center of the main toolbar, by tapping the circular button to the right of any item in most menus, or by using edit mode in a menu to select multiple items and batch edit their properties at once.

The panel is divided up into sections, using either a sidebar when space permits or a tab bar along the bottom of the screen.

## Properties

### Layout:

The metadata panel's Property tab shows a thumbnail image of the current item along with info about the item or items you're editing. You can swipe or use the arrow buttons to turn pages, and you can tap a page to open it (any changes you've made will be saved automatically).

If you're editing a score, you'll see a book icon on the right that allows you to adjust your page numbers to match printed copies, if needed. You'll also see a margin adjustment slider that lets you increase the size of all pages in a score by the same amount at once. This is useful for removing uniform margins, but consider using the "Crop" function in the tools menu to adjust or re-center individual pages more precisely. Cropping takes precedence, so the margin adjuster won't affect cropped pages.

When you're editing a bookmark, this portion of the screen allows you to view and change its start and end page numbers.

### Metadata:

Each score and bookmark in your library can be tagged with a title, rating, difficulty, reference, time, duration, key, and multiple composers, genres, tags, and labels. While typing in a new composer, genre, tag, or label, you may see a suggestion appear in the toolbar at the top of the keyboard. These suggestions, already in use elsewhere in your library, are updated automatically as you type and let you quickly reuse values and save time. You can also access these values by tapping the three horizontal lines to the right of the active text box.

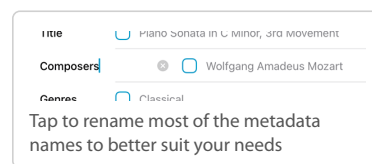
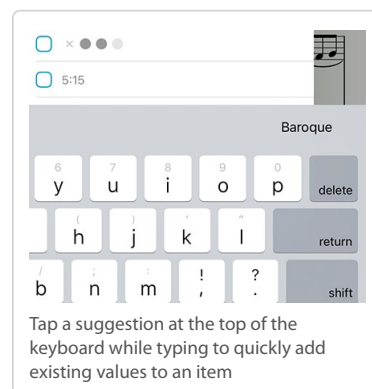
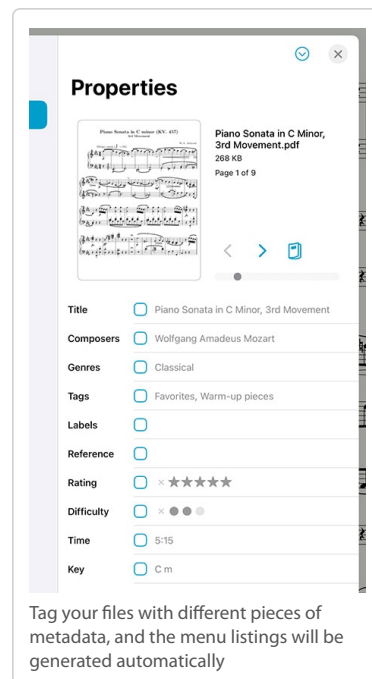
A box on the left-hand side of each text field shows you what will happen when you close the metadata panel. A check mark indicates that the changes will be saved, while an empty box indicates that any changes will be discarded. If you're batch editing files, a check mark indicates that the current value will replace any existing values for each file while a plus symbol indicates that new values will be added to each file's existing information if it's not already included. These boxes are updated automatically as you type, but you can tap them at any time to change them.

To add multiple composers, genres, tags, or labels to your score, use a comma to separate each phrase (i.e. "Favorites, Warm-up pieces"). Your score will then be listed under each of those items in the menu.

*When you change the title of a score, forScore renames the PDF file to match as closely as possible. If you prefer, you can disable this behavior in the "advanced options" section of forScore's settings panel (this adds a "rename PDF" option to the metadata panel's title bar menu so you can still rename a PDF to match the score's title as closely as possible).*

### Customization:

Some of forScore's default metadata types might not fit your needs, and you can rename most of them to better suit your situation. (See the image on the right-hand side of this page.)



## PDF Info Fetching:

PDF files sometimes contain their own information for title, author, subject, and keywords, which can be used by forScore as values for title, composer, genre, and tags respectively. While editing any of these fields, choose “Fetch…” from the title bar menu to see if any of this information exists and then decide if you’d like to use it or not.

## Setlist and Libraries

The “setlists” tab lets you quickly manage which setlists the current item is a part of. Tap a setlist to add the current item to it (a blue check mark will appear) and tap it again to remove it. If you have any libraries set up on your device, an additional “libraries” tab allows you to make similar changes.

## Audio

If you have an audio track of a particular piece, you can link that track to the corresponding sheet music in forScore and control playback directly from within the app. Select the “Audio” tab and tap the + button to select tracks from the Music app, or tap the document button to view files stored in the app’s documents directory. (Audio files can be created using the record feature, imported from other apps, or added via the [Files app](#) or [File Sharing](#) interface.)

The media box updates every time you turn the page, disappearing if there is no track associated with the current score or bookmark, so you don’t have to spend time looking through your audio library every time you want to listen to it—just press play.

If multiple tracks are associated with the current score, swipe left and right over the album artwork to move between them.

Learn more about working with audio tracks in the [next section](#).

## MIDI

In the “MIDI” section of the metadata panel, you can assign a unique command to each score and open it with some MIDI devices. You can also save a list of commands to be sent out each time that score is opened. If you plan to use the same set of commands more than once, presets make it easy to save them and assign them to other scores later.

*Note: USB-enabled MIDI devices can often connect to an iOS device via Apple’s Camera Connection Kit, while others may require an adapter like the iRig Midi.*

# Audio

When appropriate, forScore's audio panel can be found at the bottom of the main view. It appears and disappears along with the rest of forScore's controls when you tap the center of the screen.

This panel is available if you're viewing a score that has an audio track or recording associated with it (see the [Metadata](#) section for more details on managing audio tracks), or if another app is playing audio and the "use external audio" option is enabled in forScore's settings panel.

*Tip: Tap or drag the pill-shaped control at the top of the media box upward or downward to show or hide it as needed.*

## Playback

### Adjustment:

In most cases you can adjust a track's playback speed and pitch independently. (See the sidebar for specific examples and restrictions.) These options are saved automatically per score.

### Locking:

If your settings allow you to flip between scores, the lock icon in the media box can prevent you from accidentally flipping to the next or previous score as long as the track is still playing.

### Replay:

Automate your page turns by recording them in conjunction with a linked audio track. Tap the Replay button in the media box (the page with an arrow in it) and turn pages while the track plays. On subsequent plays, pages will turn themselves at just the right moment.

While replay mode is on, small lines in the seek bar will show you where saved page turns are located. A "... " button will also appear on the right-hand side of the seek bar, allowing you to edit or remove saved page turns.

### Looping:

If you'd like to loop a portion of the song, just tap on the repeat symbol and drag the two handles left and right to set the loop time. For more precise control, tap the "... " button.

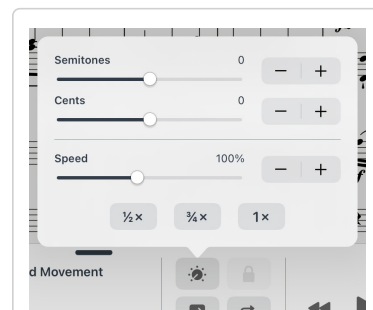
## Recording

Whether you'd like to review your practice sessions later or share your progress with friends and colleagues, forScore's recording feature can help. Choose "record" from the tools menu, then tap the microphone icon when you're ready. You'll see a red volume meter so you can make sure you're close enough for the microphone to pick up clear audio. Tap again to stop recording, and then either save or discard it. Saved recordings are automatically linked to the current score so you can review them later.

The list icon next to the microphone lets you view, share, or delete any recordings you've made for the current score.

*Note: The media box is not visible while recording. Tap the X button when you're finished recording to continue using the media playback controls.*

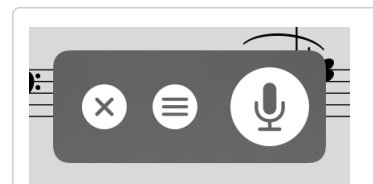
*The recording feature requires access to your device's microphone and the system will prompt you to allow this the first time you try to record. Use the Settings app (or System Preferences if you're using a Mac) to grant or revoke this access at any time.*



### Audio track adjustment availability depends on each track's properties:

DRMed files or files that haven't been downloaded to your device can be played at 50%, 75%, or 100% of their normal speed.

Other tracks can be played from 25% to 200% of their original speed, and their pitch can be independently adjusted by up to an octave in either direction.



Only recordings made while viewing the current score or bookmark are visible in the recording panel's list view. If you'd rather make the audio file available to all scores, swipe over the recording from right to left and tap the orange Remove action (or "unlink", depending on your version).

# Search

When you're looking for something specific, the Search panel is the fastest way to find it. Unlike the search bar in many of forScore's menus, which only allows you to narrow down the list of items displayed within that menu, the Search panel draws from many different sources.

Type in a phrase and you'll see any scores, bookmarks, or setlists whose title contains that text, as well as any category names (composers, genres, tags, or labels), and actions (like "annotate," "share," or "settings").

Tap a score or bookmark to open it, select a setlist to view it in the Setlist menu, and tap any metadata category to open it in the Score menu. If you choose the wrong thing, just reopen the search panel—the text you enter in is preserved if you return within a short amount of time.

## Recent Items

When you open Search (before you've entered any text into the search bar) you'll see the scores and bookmarks you've viewed most recently. By default, forScore shows the last five items you opened, but this can be customized in the Search section of forScore's settings panel. Below that, you'll see all of the scores and bookmarks in the current library. Once you start typing, recent items disappear and you'll see only relevant search results instead.

## Text Annotations and Notes

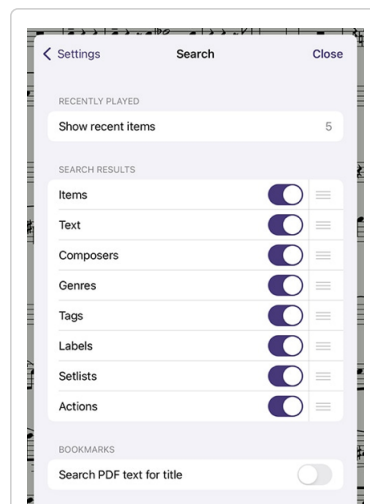
Not only can you find scores and bookmarks by their title or metadata, but you can also find individual pages whose text annotations or page notes contain the text you've entered in. Each result will show the score or bookmark's name, the page number your text was found on, and a sample of the text with your highlighted result in context (so you can be sure you've got the right spot).

## PDF Document Text

If the PDF document that you're currently viewing is text-based instead of image-based, forScore can look for instances of your search query within the contents of the file itself. Like text annotations and page notes, results are shown with the title of the score, the page number, and your search text with surrounding text to provide some context.

## Settings

The Search submenu in forScore's settings panel allows you to customize the search experience to better suit your needs. Specify how many (if any) recent items you want to see when you first open the search panel, enable or disable certain kinds of results and reorder them so that some of them appear higher in the list than others. You can also use this panel to enable or disable automatic PDF text searching in the Bookmarks menu.



The "Search" section of forScore's Settings panel allows you to adjust the number of recent items shown (and in which order), and lets you enable or disable PDF text searching when creating bookmarks.

# Metronome

## Modes

With forScore's metronome, you can use several different methods to keep time. In Audible mode, you'll hear a tick at regular intervals, based on the beats per minute (BPM) that you set. With the Visible metronome, a black border pulses around the edges of your score, allowing you to keep time visually while still being able to see the entire page. If you like, you can use the Both option to both see and hear the metronome simultaneously.

## BPM and Time Signature

For each score in your library, forScore saves a unique BPM value and time signature that's automatically used every time you return. Just tap either value to change it with the number keypad. You can also adjust the current score's BPM by rotating the wheel, using the + and - buttons, or by tapping twice in the center of the screen.

## Channels

If you're using headphones or a line out, an icon at the top of the panel controls which channel(s) the audio plays through. Tap to toggle between left, right, and both channels.

## Count In

Use the "Count In" feature to automatically turn off the metronome after a certain number of measures.

## Autoturn

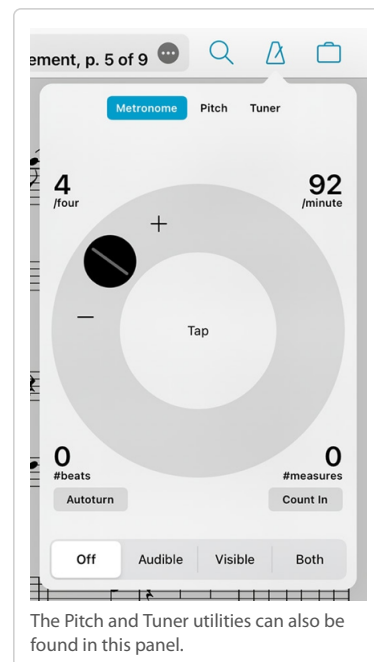
For scores with sequential pages, forScore's metronome can also turn the pages for you automatically. To use autoturn, follow these three steps:

- For each page of your score, enter in the number of beats on that page or type in the number of measures and the app will do the math for you. If you're on the first page of your score, consider adding a few extra beats as a lead-in.
- Tap the autoturn button to turn it on (if it isn't already)
- Start the metronome by selecting Audible, Visible, or Both

Once the metronome counts up to the number you've specified, the page will turn automatically.

If you're viewing your score in landscape mode, forScore will also scroll down when it reaches half of that number. (If you have 64 beats on a page, it'll scroll to the bottom of the page at 32 beats.)

Turn the metronome off at any point to reset the autoturn count.



# Tools

The tools menu gives you quick access to many of forScore's functions. Some of these items are explained in greater detail throughout this guide.

**Annotate:** Use your finger to draw directly on the page, add text annotations, or use the stamp and shape tools to add common markup symbols.

**Links:** Create links between two pages of the current score to quickly handle repeats.

**Buttons:** Place tappable circles on a page to trigger certain actions.

**Rearrange:** Move, duplicate, rotate, or delete pages and split or merge documents.

**Crop:** Maximize your screen real estate by fixing crooked scans, removing excess margins, and getting the best possible view of each page.

**Share:** Print a score, send it to another PDF-compatible app on your device, or share it via email, AirDrop, and more.

**Store:** Discover something new to play, find popular accessories, or learn more about some of forScore's newest features in our in-app purchase storefront.

**Services:** Download files into your library or save them to the cloud for safe keeping and easy access.

**Scan:** Create PDFs from images in your device's photo library or use the built-in camera to take pictures of each page on the spot.

**Templates:** Create new PDF files by picking a style and number of pages.

**Piano:** Use this keyboard to work through tricky measures on the go.

**Record:** Review or share your practice sessions.

**Cue:** Broadcast page turns and/or program changes to nearby devices or use Dual Page mode with the standalone Cue app.

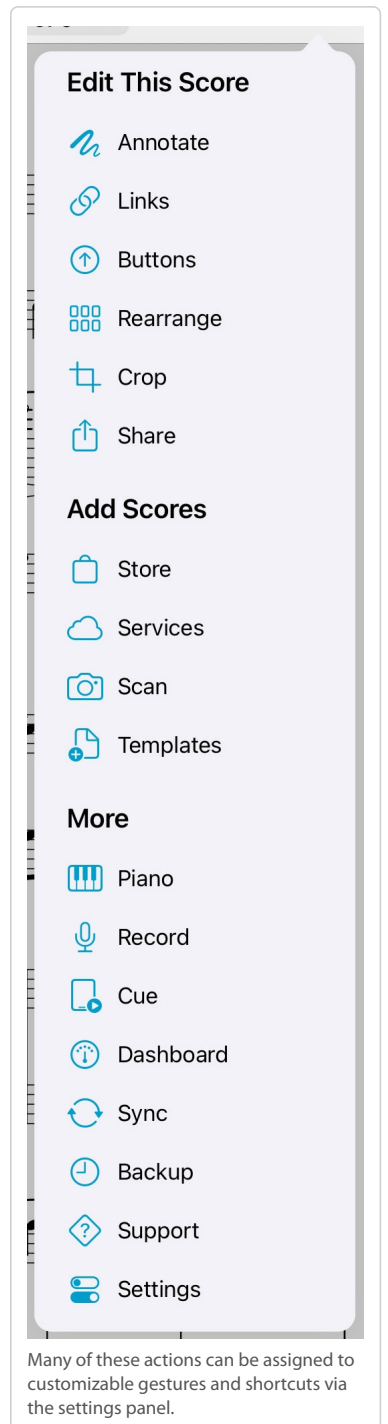
**Dashboard:** See what you've been playing and set goals, send reports, or share your progress.

**Sync:** Configure forScore to keep your content up-to-date across all of your devices using your iCloud account.

**Backup:** Create and restore from forScore library backups and archives or restore recently deleted items.

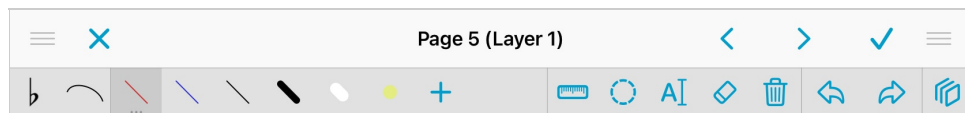
**Support:** Learn more about forScore, see which version you're using, view library statistics, or send us questions and comments.

**Settings:** Customize your forScore experience to meet your needs. Learn more in the [Settings](#) section.



# Annotation

Add notes to your score by selecting “Annotate” from the tools menu or by tapping and holding your finger on the page for a few moments. When you do, a new set of controls will appear on the screen:



The set of three lines in each corner allow you to drag the control bar up and down so you can annotate anywhere on the page. Tap the × or check mark button to discard or save your changes, or tap the arrow buttons to save and continue annotating on a nearby page.

On the second row of controls you’ll see stamps, shapes, and a scrolling view of your drawing presets. Tap a preset to use it, and tap again to edit, move, or delete it. Use the last item in this area (+) to add new presets.

In the next section over you’ll find additional tools like a ruler, a selection tool, a typing tool, an eraser so you can remove certain annotations and delete links or buttons, and a clear button if you want to start from scratch.

Use the undo and redo buttons in the next section to quickly correct mistakes, and use the rightmost button to access and work with annotation layers (discussed later in this section).

*Note: when forScore is using a smaller layout, such as on an iPhone or using Split View on an iPad, the annotation toolbar cannot be moved and will not display the redo and clear buttons—in this case, tap and hold the undo and eraser icons to use these functions.*

## Stamps & Shapes

Some musical symbols cannot be typed into a text box or drawn precisely, but with the “Stamps” and “Shapes” tools you can place these kinds of annotations on the page quickly and easily. Tap to select either tool, then tap again to see all of the available options for each. Select one and drag your finger around on the page to see how they work. At the bottom of the panel, use the size slider to adjust a stamp’s size or a shape’s line width.

*Tip: Use tinting to place colored symbols on a page: set a stamp color and enable tinting (you can disable it at any time without losing your color choice), then use the stamp tool like you normally would. You can also change the color of individual shapes—tap the color well or circled arrow button next to a shape, depending on your OS version. Note that tinting does not affect your existing annotations.*

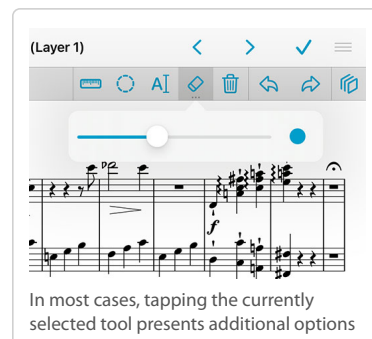
You can add your own stamps by pressing the + button or edit an existing stamp by selecting it and then tapping the ellipsis button and choosing “Edit...” from the menu. This opens the stamp editor where you can draw or edit your design.

You can also create stamps from images imported from your device’s photo library, the [Files app](#) (and any configured cloud storage services), or from forScore’s documents directory if you’ve added any images using [File Sharing](#). First, find or create a PNG image (for best results it should be 144×144 pixels), then create a new stamp and press the “Import” button to select an input method. Select your image to place it on the canvas and continue to edit it or save it as is.

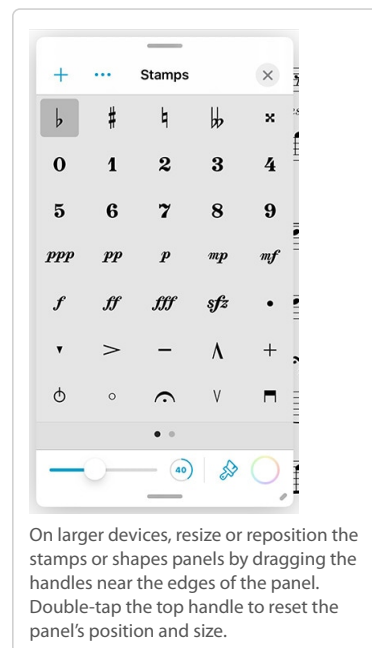
*Tip: The “Local Files” list allows you to delete images you no longer need: just swipe from left to right over the item in the list and tap the delete action to confirm.*

On iPad or Mac, Drag and Drop gestures make this process even simpler. Use Safari or any other app that supports Drag and Drop to find or create an image, open forScore’s Stamp creator, then drag the image onto the stamp creator’s canvas.

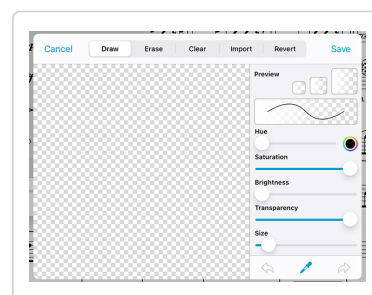
If you use particular stamps more often than others, you can rearrange them as needed. Tap and hold a stamp for a moment, then drag it around on the screen, and the others will move out of the way. You can also delete a stamp by selecting it and then tapping the trash can button at the bottom of the panel.



In most cases, tapping the currently selected tool presents additional options



On larger devices, resize or reposition the stamps or shapes panels by dragging the handles near the edges of the panel. Double-tap the top handle to reset the panel’s position and size.



## Drawing Presets

Drawing presets allow you to create an unlimited number of different styles perfectly tailored to your needs. Tap the + button to create a new preset, or edit any existing preset by tapping it once to select it and then tapping again to show the editor. You can adjust the hue, saturation, transparency, brightness, size, and overlay mode for each preset. Use the buttons in the toolbar along the bottom of the editor to delete or duplicate your preset. To reorder your presets, close the editor and tap and hold to drag a preset left or right.

## Ruler

When you need to draw straight lines or precisely align your stamps and shapes, the ruler tool is ready to help. Just tap the ruler icon to show or hide it. Reposition it by dragging it around on the page, or rotate it by placing two fingers within the ruler and spinning them clockwise or counter-clockwise: as you do, a dot will appear showing you the current angle. When you get close to a right or diagonal angle, the dot will turn blue and the ruler will snap to that value.

Place your finger near either edge of the ruler to draw a straight line or to position your stamp or shape along it. If you start drawing further away from the ruler and draw into it, your markings will stop at the edge.

## Selection Tool

The selection tool allows you to edit a specific area of drawn annotations after they've been made (including stamps and shapes). Draw around the annotations you want to edit and you'll see several new actions appear in a dark popup near your selection. The move tool, active by default, lets you reposition your annotations: drag your selection around on the page, then tap outside of it to commit your changes or tap within the selected area to continue editing it.

You can also choose from one of the other five actions: Duplicate, Copy, Cut, Adjust, and Clear. The duplicate action creates a copy of your drawings that you can then drag to reposition, Clear erases the selected area, and Cut combines the Copy and Clear actions.

Copy saves the currently selected drawings and lets you paste them on another page, even in another file. With the selection tool active, tap to place the copied drawings onto the page (drag to reposition if needed or tap the arrow button to use the copy's original position).

The Adjust action lets you re-color your annotations by changing their hue, saturation, brightness, and opacity.

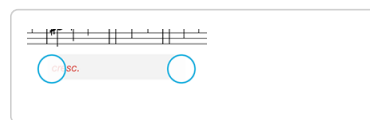
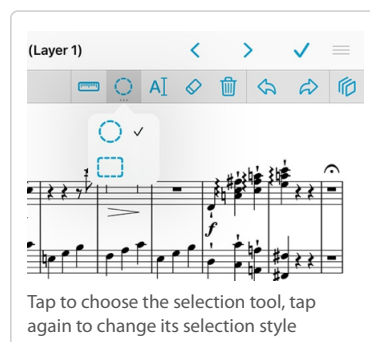
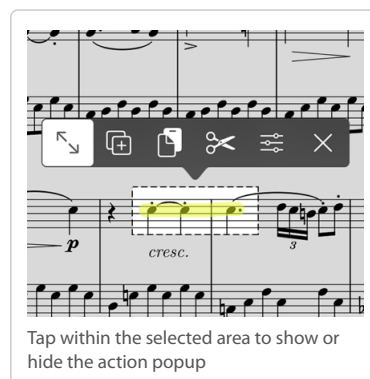
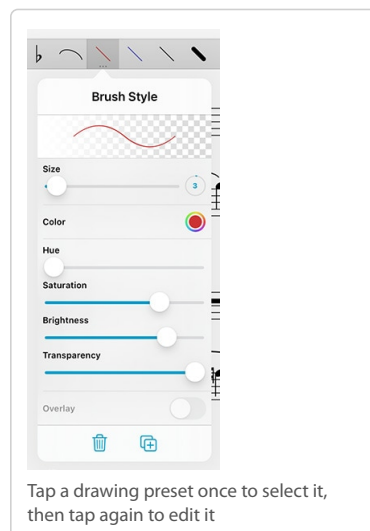
## Text Annotations

Text annotations can be used to display text directly on a page at all times. With the text tool selected, tap the page to create a new text box. Drag the white circle on the left side of it to move it, and drag the one on the right to change its width (forScore automatically adjusts its height to show all of its text).

When you tap inside of a text box to edit it, you'll also be able to adjust its style (and set defaults for new text boxes), assign it to another layer, or delete it. On iOS and iPadOS, these actions are available in the toolbar that appears at the top of the virtual keyboard, if shown, or along the bottom of the screen if not (the system hides the virtual keyboard when a physical keyboard or [certain page turning devices](#) are connected). On macOS, tap the ellipsis button to the right of the active text box to access these options. When you're done editing, tap the page outside of the text area to dismiss the keyboard.

## Layers

Use layers to separate your annotations, allowing you to work with one set of markings without affecting any other. The Layers panel lets you view and manage layers, pick the active layer, and reorder, hide, duplicate, clear, or combine them. Score layers are





available on every page of the current score and can be hidden or shown for all pages at once.

You can also copy the entire contents of a layer and paste them atop or replace the contents of another layer, even on a different page or score. In the layers panel, tap and hold a layer to access these and other actions using its contextual menu.

forScore Pro subscribers have access to an additional “PDF” layer that allows them to copy and paste page contents and make structural changes to their documents. Learn more about this feature in the [forScore Pro](#) section of this guide.

## Apple Pencil (iPad only)

When you’re using Apple Pencil, forScore gives you additional options that allow you to work more naturally. “Automatically enter annotation mode” activates the drawing tools the moment Apple Pencil touches the screen, and “automatically exit annotation mode” saves your changes after a brief period of inactivity. We refer to these settings collectively as “live annotation.”

Although iOS and Apple Pencil work together to avoid unintentional input, no system is perfect. If you don’t plan to annotate by drawing with your fingers, enabling “prevent finger drawing” may help. You’ll still be able to use your fingers to do things like change tools or zoom in, but only Apple Pencil will draw. If Apple Pencil hasn’t been used for a while, or if you tap the hand icon in the annotation toolbar, finger drawing will be re-enabled.

With Apple Pencil 2, you can double tap the side of the stylus while in annotation mode to switch between the current tool and either the eraser or the last used tool, or to show the current tool’s detail view (depending on how the gesture has been configured in iOS’ Settings app). If you prefer to be able to switch tools even when annotation mode is inactive, change the “switch tools” option in the Apple Pencil section of forScore’s settings panel. Otherwise, this gesture can optionally be configured for use outside of annotation mode using the instructions found in the [Page Turners & Shortcuts](#) section of this guide.

If Apple’s Scribble feature is enabled on your device, you can use Apple Pencil to hand-write words directly into a text annotation and iPadOS will transform them into text automatically.

Newer iPads support hover detection, allowing forScore to show a drawing preview before your pencil touches the screen. This can be customized, along with additional options available to forScore Pro subscribers (see the forScore Pro section for more information).

## Sidebar

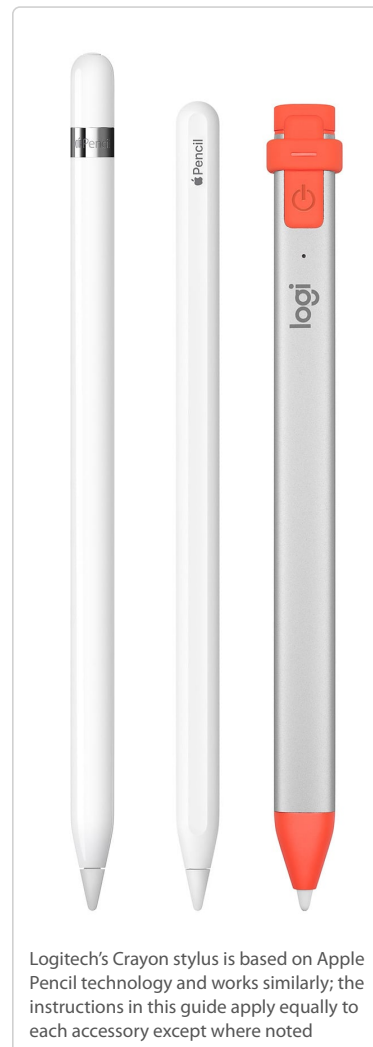
If the sidebar is visible and presented in tiled mode, that space is repurposed when annotation mode is activated. The Layers list is shown here by default, but can be replaced by the Stamps or Shapes panels by tapping either of these tools once to select them, if needed, then tapping them a second time. Note that you can continue to use other tools or presets while these detail views are embedded in the sidebar.

*Note: forScore’s split view layout and the sidebar are always available on macOS, and can be optionally enabled using the [Display Options](#) interface on supported iPads (devices running iPadOS 16 that support Apple’s Stage Manager feature). The sidebar is not available on other devices.*

## Settings

forScore also includes several settings that give you more control over how annotation mode saves your last-used tool or preset. By default, the last tool you used remains selected the next time you enter annotation mode. In forScore’s settings panel, the “Annotation Tools” section allows you to change this: either choose which tools can be saved between annotation sessions and which should not, or pick a default drawing preset that will be active each time you start annotating.

As you draw, lines can become bolder to capture your natural emphasis (this is based on pressure and tilt with Apple Pencil, tilt with Logitech Crayon, or drawing speed when you’re using your finger). Use additional options in the settings panel to control how pronounced this variable width effect is.



# Links & Buttons

## Links

Create a link between two points in your score to handle repeats with a single tap or click. Every link that you create consists of two components: a blue circle and an orange circle (an activation point and a target point). Blue circles are visible on the page at all times and take you to their destination when tapped. When you arrive, the corresponding orange circle flashes twice, showing you where to begin playing, but remains invisible the rest of the time.

*Note: Links don't have to be on different pages, they can also be used as visual cues on the same page. If needed, the page scrolls up or down to the correct position.*

To create a link, select "Links" from the tools menu, and you'll see a new screen appear with two copies of the current score displayed side-by-side. Use the seek bar or swipe to flip through the pages of either stack.

Tap anywhere on the left-hand page to create a blue circle, and tap anywhere on the right-hand page to create a corresponding orange circle. Both points are required to create a link. If you need to adjust the placement of a link point, simply tap the screen again in the correct position and the circle will move.

*Tip: Tap and hold the page for a moment and a magnifying glass will pop up just above your finger, letting you position your links more precisely.*

## Buttons

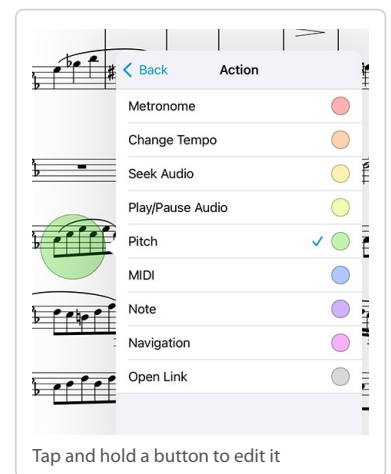
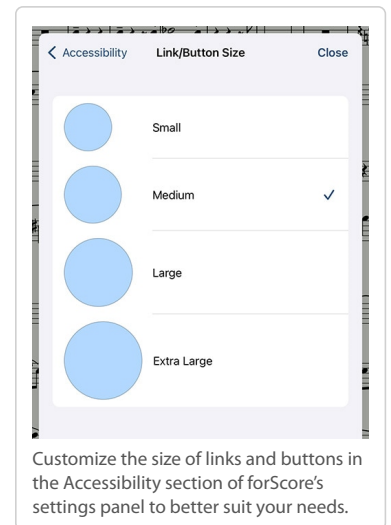
Like links, buttons are tappable dots that can be placed anywhere on the page. Unlike links, however, buttons work alone and can be customized to perform a wide range of actions. They can open a score or bookmark, send MIDI commands, start or stop the metronome or change its tempo, control audio track playback, play a pitch, display a text note, and more. Each type of action is color-coded and can be customized for easy recognition.

Although you set up your button's action when you create it, you can edit it at any time: just tap and hold your finger on a button until the editing interface appears.

## Editing Links and Buttons

To delete or reposition a link or button, enter annotation mode by choosing "Annotate" from the tools menu or by tapping and holding the page for a few moments. With the erase tool selected, tap a link or button to remove it. If any other tool selected, links and buttons will appear as white circles that can be dragged around on the page.

Note that only the blue (source) dot of a link can be edited after creation. If you need to move the orange (destination) dot, you'll have to delete the link and recreate it.



# Rearrange

The Rearrange tool allows you to make structural changes to your documents by merging several PDF files together or by splitting one into individual parts. Reorder, duplicate, rotate, insert, or remove pages and save the results as a new file or replace the original.

## Editing a Score

While links are a great visual way of dealing with repeats, they still require that you reach up and tap the screen. Rearranging a score in advance, however, ensures that the next page is always the correct one—it's great for musicians who use Autoturn or a foot pedal to turn pages.

While viewing the score you'd like to edit, choose "Rearrange" from the tools menu. Drag pages around on the screen to reorder them, and use the toolbar along the bottom of each thumbnail to remove, rotate, or duplicate it, or to create a new section beginning with it (use sections to split up large files). Tap a page to see a larger version of it, if needed.

To move multiple pages, start to drag one and then tap additional pages with another finger to collect them into a stack. Move them to your desired location and lift your finger to place them in the order they were picked up, or tap Cancel to put them back in their original positions.

## Adding Pages

While rearranging one file, tap the new + button at the bottom of the screen to add the pages of another score or bookmark to your workspace. You can also access the Templates feature here to add one or more new pages.

## Saving a Score

When you're done adjusting your score's layout, tap "Save As..." to create a new file (copying the source file's metadata and annotations) or "Save" to permanently overwrite the original file. In both cases, Links and Bookmarks are preserved and updated as long as their start and end pages haven't been removed and, in the case of Bookmarks, that they haven't been reversed (a bookmark's start page must come before its end page).

Keep in mind that some files may use special fonts that iOS cannot reproduce. Before overwriting any file, we strongly recommend that you save a copy first to ensure that the results are usable.

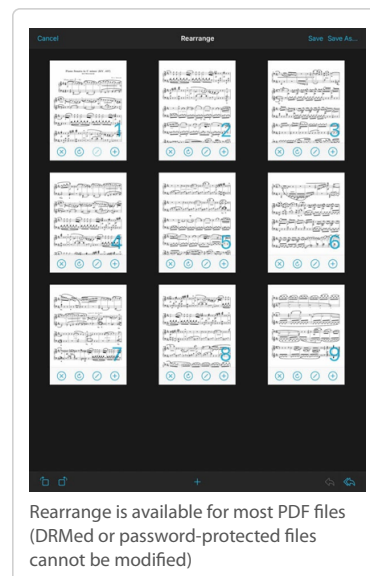
If you've split the file into multiple sections, the "Save" button won't be available, but you can use the "Save As..." button to create a set of new, sequentially numbered files.

*Tip: Use the "white marker" annotation preset or the rectangle shape to cover up the portions of repeated pages that you don't need to play again. Since each page includes its own annotations, you will still be able to see that information on other copies of the page.*

## Keyboard & Cursor Support

If you're using a trackpad or mouse, use the shift key to select multiple pages at once: hold down the shift key and click one page, keep holding the shift key while you click additional pages, then click and drag the stack of pages around on the screen (you can let go of the shift key at this point). Once you've dropped the stack and let go of the shift key, forScore will place your pages in the target spot.

As of iPadOS 15 and macOS 12, you can also select multiple pages by holding down the shift key while you click and drag to draw a rectangle around your target pages.



# Crop

The Crop tool lets you change how forScore presents each page of music on-screen without modifying the PDF file itself. Note that cropping or uncropping a page permanently adjusts any existing drawn annotations you've made, so consider [creating a backup](#) before proceeding.

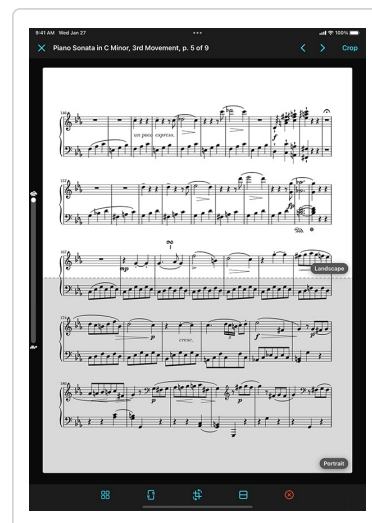
## Basics

Reposition your page by using one finger to drag it around within the canvas or using two fingers (a “pinch” gesture) to zoom in or out. If needed, you can reduce the sensitivity of these gestures by dragging the slider along the left side of the screen up or down. Use higher speeds to make big changes, then use lower speeds to make small, precise adjustments. Tap the “x” button in the bottom toolbar to reset your page's position and zoom factor, if needed.

To save your changes and close the Crop interface, tap the “Crop” button in the top right-hand corner of the screen. To save your work and continue cropping nearby pages instead, tap the arrow buttons in the navigation bar to move to the previous or next page. If a page is already cropped, you won't be able to make any additional changes to its position and the “Crop” button will be replaced with a red “Uncrop” button which you can use to reset all cropping data.

Tap the guide icon (a rectangle with a horizontal line through it) in the toolbar along the bottom of the screen to show or hide the cropping guide. This guide shows you how your page will look in both portrait and landscape device orientations. Keep in mind that the landscape guide represents where the page will end up given the current device's screen size and settings (like whether or not forScore is configured to show the status bar along the top of the screen). It does not represent every scenario and other devices may present your pages differently.

*Note: cropping overrides the Metadata panel's margin adjustment value; cropped pages will not zoom in or out based on this setting.*



## Automatic Positioning

When the Crop tool loads a page, it automatically scans it to find the best fit and repositions your page accordingly. Use the zoom button in the toolbar to reset to this positioning at any time.

## De-skewing Pages

If your page is crooked, use the de-skew controls to straighten it. Tap the rotation icon in the toolbar to show or hide the de-skew control which appears along the bottom of the page. Drag it left or right to rotate the page clockwise or counter-clockwise. When you do, a grid appears temporarily to help guide your adjustments.

## Editing All Pages Simultaneously

In the toolbar along the bottom of the screen, you'll see a button that looks like a grid of pages—tap here to crop or uncrop all pages of the current score simultaneously. Choose “Crop All Pages Automatically” to let forScore scan each page and adjust it to best fit the screen (pages that are already cropped won't be changed). Or, position the current page as needed and use those values to crop all uncropped pages in the document by choosing “Crop All Pages Like This.” If any pages in the document are already cropped, choose “Uncrop All Pages” to uncrop them all.

## Automatic Backups

Each time you open the Crop interface and make one or more changes (cropping or uncropping one or more pages), forScore makes an automatic backup of the current score and places it in the “Recently Updated” section of forScore's Backups panel. If you want to revert to this last-saved state, close the Crop interface, open forScore's Tools menu and choose Backups, then visit this section to see a list of scores. Tap your score to return it to your library, either as a second copy (“Keep Both”) or replacing the current copy (“Restore Original”). Note that forScore keeps only the most recent snapshot of a score, and recycles it after seven days, so it's important to use this feature immediately after you make a change, if needed.

## Keyboard & Cursor Support

forScore's Crop interface features extensive support for use with keyboards, trackpads, and mice. With the Crop interface open, hold down the Command key (on an iPad) or open the "Crop" menu (on a Mac) to see most of the available key commands, including shortcuts for most of the items in the navigation bar and toolbar along the top bottom of the screen.

You can also use a keyboard to adjust the page's position by using the bracket keys ('[' and ']') to zoom in or out, the bracket and alt keys to rotate, and the arrow keys to nudge the page in any cardinal direction. Press these keys or key combinations once or press and hold them down to repeat the action as many times as necessary. Use the shift key with any of these commands to increase their adjustment rate.

Place two fingers on your trackpad and use pinch or pan (scroll) gestures to zoom in or out and reposition the page on screen (note that not all trackpads support these gestures). If these gestures are unavailable or you prefer not to use them, click and drag the page to reposition it instead, and use key commands to zoom in or out.

Note that the speed adjustment slider on the left side of the screen reduces the sensitivity of touch as well as cursor gestures (scrolling or panning) but does not affect the speed of adjustments made using keyboard shortcuts.

# Store

It can be hard to find high-quality scores online that don't force you into using proprietary systems or limited formats, which is why we created forScore's in-app purchase storefront. It's a great place to find and download PDF sheet music that has been perfectly optimized for iOS.

Choose "store" from the tools menu to view the storefront. You'll find both free and paid scores and collections, articles on a variety of topics, news, some of our other apps, and links to a few of our favorite accessories.

## Purchasing and Downloading

Your Apple ID is your gateway to purchasing digital content, so you don't need to worry about entering your credit card information directly into the app. Tap any product to learn more and purchase or re-download it.

Content begins downloading immediately once your transaction has finished processing. You can monitor its progress from the product page or by tapping "My Purchases" in the top left-hand corner of the main store view.

## Purchase History

Tap "My Purchases" in the main store view or choose "in-app purchases" from forScore's settings panel to view all of your past purchases. Tap any item to re-download it, even if it's no longer available for sale.

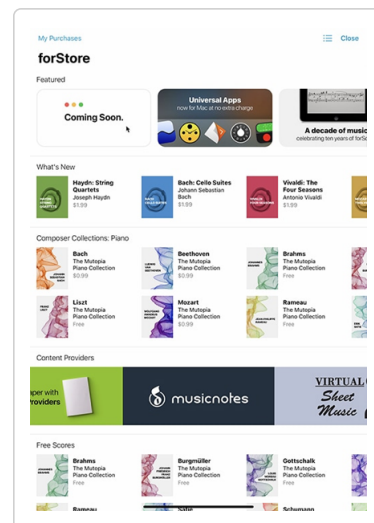
If items aren't appearing in the list, tap "Restore" (and sign in with your account if prompted) to refresh your purchase history.

Tap the list icon to sort your purchases by date or title, and tap the download button in the toolbar to download all of your purchases at once.

## Migration

Although we no longer sell third-party content through our storefront, items you previously purchased can still be downloaded if needed. Some of these items may have used copy protection to limit how you can use or share them. If you're migrating to a new device, these items may be inaccessible until you re-download them using forScore's purchase history panel.

All of the content we currently sell directly to our customers is DRM-free and can be migrated from one device to another without any limitations.



# forScore Pro

## Features

forScore Pro is an optional, auto-renewing subscription that allows us to offer more detailed, priority customer support whenever possible, ensures we can be ready for the latest devices, accessories, and software updates on day one, and gives you access to certain features and benefits like the ones described below (the exact list is subject to change; for the most current information visit [forScore.co/pro](https://forScore.co/pro)).

### Priority Support:

We're always happy to answer basic questions or point you to the right article on our knowledge base, but some people want a little more personalized help. By subscribing to forScore Pro, you allow us to spend more time with you so you can learn how to use the app to its fullest and get quicker answers to any questions that might come up.

### Face Gestures:

If your device supports face tracking, you can use facial gestures to turn pages—by turning your head, by winking, or by moving your lips to the left or right. Choose whichever mode works best for you and adjust its sensitivity in the forScore Pro section of forScore's settings panel, if needed. For best results, ensure that there's sufficient lighting and, if using mouth movements, take advantage of the automatic calibration method for easy setup.

### Pop-up Menus:

The six primary buttons in forScore's title bar feature pop-up menus to let you quickly perform common tasks related to each of them. Use one continuous gesture to activate and use the menu: touch the button and drag your finger downward to see the list of shortcuts, keep dragging your finger until it's hovering over the item you need, then let go to use it. If your device supports it, you can also use 3D Touch to activate these menus.

While in annotation mode, use pop-up menus to switch between layers, change the selection tool's mode (freeform or rectangular) or adjust the size of any drawing preset as well as the stamps, shapes, and eraser tools.

*Note: when using a mouse or trackpad, right clicking any of these buttons will immediately present its pop-up menu. You can also click and drag downward to show the menu, but due to conflicts in the way iPadOS and macOS handle Drag and Drop this will not work for buttons that also support rearranging (annotation drawing presets).*

### Page Copy & Paste:

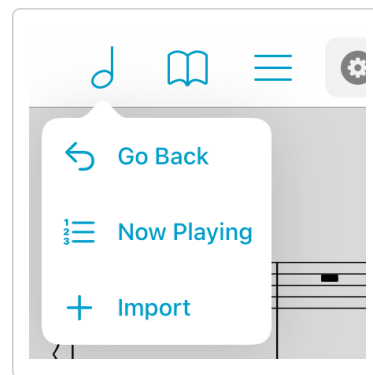
Each page has a single annotation layer by default, but forScore Pro subscribers will also see an additional "PDF" layer at the top of the Layers list for every page of a score. This layer works much like other layers do, but with one important distinction: when you use the selection tool's Copy or Cut actions, forScore copies any annotations on that layer as well as the contents of the page itself. This allows you to move measures around or copy and paste them between pages to better suit your needs. Learn more about the selection tool in the [Annotation](#) section of this guide, or see [this knowledge base article](#) for step-by-step instructions.

If you're a forScore Pro subscriber and you make structural edits to a document, you can share those changes with colleagues—either send an annotated PDF file with permanently embedded annotations, or share a 4SC file (the receiver can show, hide, or clear the PDF layer but can not make any changes of their own).

*Note: forScore cannot copy vector information stored within a PDF file, it can only copy a high-resolution image of the selected portion of a page. If you're working with vector-based files (which can be enlarged without limit), changes made using Page Copy & Paste will appear pixelated at higher zoom levels. Whenever possible, permanent or archival changes should be made using the same source material and application that was used to create the original PDF file in the first place.*

### Stamps:

Swipe from right to left in the Stamps palette to access a second page of stamps and use them as is or copy any of them to your personal collection to edit or reorder them.



## **Apple Pencil Hover:**

On supported devices, while holding Apple Pencil near the screen, you can use customizable pinch, swipe, and tap gestures to resize or cycle through presets, undo or redo drawings, or show a rotary preset picker that makes accessing your presets faster and easier than ever.

## **Profiles:**

Create multiple settings profiles for separate forScore users or customize your forScore experience for any situation. When you switch back and forth between profiles they're updated and restored automatically.

## **Sharing:**

When sharing scores, bookmarks, or setlists, an additional "automation" option allows you to easily copy the relevant URL so you can save it wherever you like.

## **App Icons:**

Customize your home screen by choosing from additional app icon options.

## **Subscribing**

Choose Settings from forScore's tools menu and select "forScore Pro" to learn more, subscribe, access settings for subscriber-only features, and restore or manage an existing subscription.

*Note: if you're currently subscribed to forScore Pro and you start using forScore on a new device, you may need to use the Restore button found within this panel to start using your membership on that device—your original device(s) will still be able to use forScore Pro.*

If you choose to become a forScore Pro subscriber, you'll not only be getting the benefits outlined above: you'll also be supporting us and making sure we can keep releasing updates for years to come. After the first year, Apple takes a smaller cut so more of your money goes directly to supporting our app.

And if you're perfectly happy with forScore just the way it is, there's no pressure to become a subscriber. No existing features require any further payment, so you can use them forever. If your needs grow, we'll be ready to serve them.

Complete terms of service are available at [forScore.co/terms-of-service](https://forScore.co/terms-of-service) and our privacy policy can be found at [forScore.co/privacy](https://forScore.co/privacy).

## **forScore Pro Pass**

With forScore 14 we introduced a forScore Pro 30-day pass that unlocks all forScore Pro features for 30 days with no auto-renewal. Although a forScore Pro subscription is more cost-effective, this pass gives you an opportunity to try these features so you can decide if subscribing is right for you.



# Services

The Services panel lets you work with files stored in cloud storage services (like [Dropbox](#) and [Box](#)), to access the system's file browser, and to download your purchases from content providers (like [Musicnotes](#), [Noteflight](#), [Virtual Sheet Music](#), and [more](#)).

## Cloud Storage

Tap the + button to add your preferred cloud service to the accounts list, then select it and log in when prompted. Once you've done so, you can navigate through your folders and see your files. You can upload, download, move, and delete supported file types including PDFs, forScore-specific formats (4SC, 4SS, and 4SB), audio files, comma-separated value (CSV) files, and some text formats (TXT, RTF, DOC, and DOCX) which are automatically converted to PDFs for you once downloaded.

Tap on a file to download it and a copy will be saved to your forScore library. If a file with the same name already exists, you'll be asked to duplicate or overwrite the file, or to cancel the transfer. Tap the stop button in the middle of the progress wheel to cancel a file transfer. Swipe from right to left over an item (or tap and hold to reveal its contextual menu, if using a system version that supports them) to download the item directly into a setlist.

*Items you add to your library are downloaded to your device so you don't need an internet connection to view them. If the copy stored in the cloud is modified later, you'll need to re-download it to see those changes.*

You can also move your files: while in edit mode, tap to select one or more files, then choose "Move" from the toolbar. The selected files will turn blue, and you'll be able to select directories or use the back button to navigate to the desired destination. When you're ready, tap the "Move" button once again to send the selected files to the current directory.

To upload files, tap the upload button in the toolbar. You'll be presented with a searchable list of all the shareable content in your library, and you may also see a file format button in the lower right-hand corner if applicable (use the forScore-specific 4SC file format when uploading scores or bookmarks to includes annotations, metadata, links, and more). Tap an item to select it, then tap the "Upload" button in the upper right corner of the menu to begin the upload process.

## Files (iCloud Drive) and Other Services

The Services panel can also be used to access iCloud Drive and third-party cloud storage (including Google Drive, Microsoft OneDrive, Amazon Drive, as well as FTP, SFTP, or WebDAV servers) through a system-provided interface. Visit "The Files App" section later in this guide for more information.

*Tip: The Files interface that appears when you use the Services panel is also available from forScore's main menu (tap the "Import" button). In general, that's an easier way of adding scores or other files to your forScore library.*

## Content Providers

Purchases you've made using supported content providers are listed by title and composer (or primary performer) and can be sorted alphabetically by either value, by date purchased, or by key. Tap any item to download it as a standard PDF file, or swipe over an item from right to left and use the Download action to download it to a specific setlist (or tap and hold to use contextual menus, if available). Tap "Edit" to select multiple files and download them all simultaneously.

If a content provider supports downloading transposed PDFs, you'll see a circled "..." button to the right of that item. Tap here to see a list of available keys and choose which one you'd like to download.

While viewing a list of purchases, tap the gear icon in the toolbar to enable or disable automatic downloads for that folder. After enabling this feature, any purchases that become available in this location will be automatically downloaded into your library as soon as they're discovered by forScore.

## Account Management

To log out of an account or reset its authentication status, return to the accounts list and swipe over it from right to left, then choose Log Out (for content providers) or Delete (for cloud storage services).

# Scan

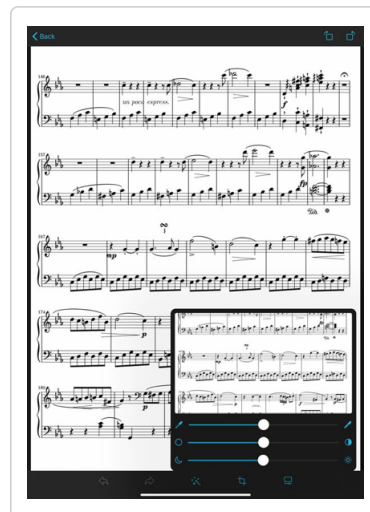
When you need to digitize a paper score, Scan can help. Snap a photo of each page with your device's camera or add a few images from your Photos library. Adjust your pages if needed, then let Scan turn them into a standard PDF file.

*While Darkroom is great for quickly capturing scores on the go, a flatbed scanner or dedicated scanning app is recommended for archival digitization.*

## Getting Started

Add pages from one of three different sources: document scanner, camera, and photo library (represented by three icons at the top of the screen). Scan defaults to using the document scanner, if available, since it generally works best. Tap the circled + button in the page view to add a new page with whichever source you used last.

*Scan requires access to your device's camera and/or photo library and the system will prompt you to allow this the first time you try to add images. Use your OS's settings (the Settings app on iOS and iPadOS or System Preferences on Mac) to grant or revoke this access at any time.*



The document scanning method is easiest to use: point your camera at a page and the system will attempt to find the edges automatically, then snap a photo when it's ready. If you prefer, you can take the photo manually instead. Use this system interface to apply filters and use its built-in cropping and rotation functions to make any necessary adjustments. When you're finished, tap Done and the system will hand those photos off to forScore to continue processing.

*iOS' Document Scanning interface limits the number of images you can capture in one session. To add more images, tap this interface's "save" button to close it and add the current batch of images to forScore's grid view, then tap the + button or the document scanning icon to repeat the process as many times as needed.*

When using the camera input source, take each photo and tap "Done" when you're finished. When adding images from your photo library, tap to select each image you'd like to use, then tap Cancel when you're finished. (This system interface can't be changed, but don't worry: tapping cancel just ends the import process and doesn't remove any of the photos you've already chosen.)

## Page Layout

Once you've returned to forScore's Scan interface, you'll see a grid of thumbnail images. Drag these thumbnails around to adjust your layout, or tap on one to see a larger version of it and make any necessary adjustments. If you need to remove an image, tap the blue circled "x" in the top left-hand corner of each thumbnail. When you're done, tap the "Save" button and supply a filename to create your new PDF.

## Rotating Images

While viewing a full-screen image preview, use the arrow buttons in the top right-hand corner of the screen to rotate your image 90° at a time. You can also rotate images from the main thumbnail view by placing two fingers on a page and rotating them.

## Adjusting Images

Scan's Enhance tool analyzes your photo and applies a set of filters to give you much better results with just a single tap. It adjusts the tone, highlights, and shadows of your image automatically and intelligently. For more fine-grained control, use the Adjust tool to manually change your image's saturation, contrast, and brightness levels. These tools are available from the main thumbnail view and in each full-screen preview, so you can use them to adjust a single image or all images at once.

## Cropping

Perfectly framing your shot can be tricky, but with the Crop tool you don't have to. While viewing a full-screen image preview, select the Crop icon to begin and forScore will attempt to automatically detect the edges of your page. Drag the handles to perfectly align each corner—they move independently of each other, allowing you to account for perspective and rotation while removing excess margins.

# Cue

Our remote control system, Cue, allows you connect multiple devices together wirelessly to coordinate your page turns and program changes. It uses both Wi-Fi and Bluetooth to discover and communicate with nearby devices, and performance may vary based on environmental factors.

*Note: Although Wi-Fi must be enabled for the app to discover nearby devices, an internet connection is not required when using Cue.*

## Roles

In order to properly coordinate your actions, Cue requires you to pick a role when initiating or joining a session. A “Leader” is responsible for turning pages and navigating between different scores or bookmarks in their library. A “Follower” lets their device follow along automatically, either by responding to page turns, program changes, or both.

*Note: A Program Change is how we refer to navigation between songs. When a leader opens a new score or bookmark from their library or flips from the end of one piece to the beginning of the next, that’s a Program Change.*

Tap the Cue icon in the tools menu to choose your role: “Lead,” “Follow Page Turns,” “Follow Program Changes,” “Follow Both,” or pick “Dual Page mode” (discussed later in this section). Tap this icon a second time to open the Cue connection panel which lists available and connected devices and lets you change your role or disconnect from the current session.

## Device-Specific Considerations

Page turns work differently depending on your device’s orientation and settings. If a leader is using their device in landscape orientation, forScore will send page up and down messages but only other landscape-oriented devices will respond. Similarly, half-page turn messages can be sent by a leader who uses them, and only the connected devices who are using portrait mode and who have half-page turns enabled will see the effect.

## Dual Page Mode

When using forScore on one device and the standalone Cue app on another, a special Dual Page mode lets you view two full pages side-by-side. One page appears on the primary device, and Cue displays the next page wirelessly. Tap or swipe on either screen to advance, two pages at a time. Links and buttons are also supported on either screen, so you don’t have to worry about which device you need to tap.

*The standalone Cue app is currently available on the App Store worldwide.*

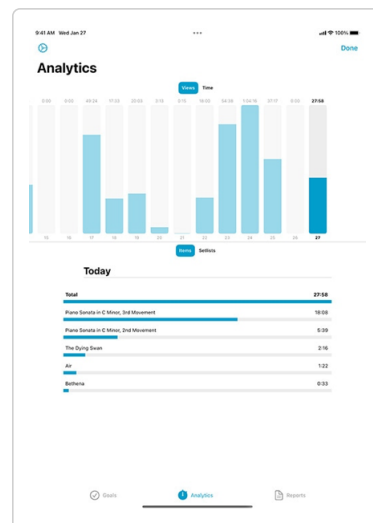
# Dashboard

If you allow it, forScore can track which scores, bookmarks, and setlists you view and for how long. With this information collected, the Dashboard feature in the tools menu can give you valuable insights into your playing habits and helps keep you on track. Three tabs along the bottom of the screen (shown on the left of the screen in a sidebar when space allows) give you different ways of viewing and using this information:

## Analytics

The Analytics tab shows information collected over the past ninety days. It can show you statistics for either items (scores and bookmarks) or setlists, and displays either the total amount of time you spent playing or the number of views.

Tap on any day to see a detailed list of items or setlists in the lower portion of the screen. This list shows everything you viewed on that particular day and is sorted from most played or viewed to least. You can tap on any item or setlist in this list to see how often you've viewed or played it over the past ninety days.



## Goals

The Goals tab helps you reach a minimum number of views or amount of play time for each day, week, month, or all time. Goals can be item- or setlist-specific, or they can be more general.

The main list of goals shows your current progress as a circular view and, if your goal is time-specific, uses an additional view in the lower left-hand corner to show your results for the previous term. For instance, a weekly goal would prominently display this week's progress with a smaller view for last week's results.

Tap a goal to edit it or to view your results for the past ninety days. The timeline along the top of the screen shows your results for the past ninety days: tap on any of these graphics to share your progress with friends or colleagues via email, message, Twitter, Facebook, and more. It's a great way to hold yourself accountable or to share your success.

## Reports

The Reports tab lets you periodically share more detailed information with a colleague or instructor as a PDF document. To begin, create a new report template and tap the circled arrow button to edit it.

Here, you can customize your report to display progress for all items and/or setlists or for one in particular. Select day, week, or month, and choose how far back you'd like the report to go. Once you're done, tap the back button and tap the report to view its results and use the action button in the top right-hand corner to share it.

*Note: The information forScore collects is stored locally on your device. It doesn't get sent to any servers, and won't be shared with anyone unless you specifically choose to do so. Visit [forscore.co/privacy](https://forscore.co/privacy) to learn more.*

# Page Turners & Shortcuts

## Accessories

forScore works with a variety of accessories, including page turners, keyboards, MIDI devices, and styluses. Most MIDI devices and certain page turners can be connected using a cable (and usually an adapter such as Apple's USB adapters or the [iRig MIDI](#)).

Most other accessories use Bluetooth and can be connected to your iOS device through the Settings app, or through System Preferences on a Mac. Several specific devices can also connect directly to forScore through the Devices section of the app's settings panel: these include AirTurn's page turning devices that use the newer "Bluetooth Smart" technology, such as the [PED](#), [PEDpro](#), and [BT200 series](#), as well as the [iRig BlueBoard](#), and [Turn Touch](#) remote.

## Keyboards

When an external (computer) keyboard is connected to your device, forScore allows you to use a variety of shortcuts to perform common actions depending on which view you're working in. In the main view, default shortcuts allow you to turn pages, enter annotation mode, open most menus, search, work with tabs, and more. Most of forScore's menus include default shortcuts like search, back, and dismiss, while other views like the Metronome and Pitch Pipe feature shortcuts for common actions specific to each utility. On iPadOS, press and hold the command key to see an overlay that shows all currently available actions and the key combination you can use to activate each one.

By default, forScore turns pages when you press the arrow keys, space key, return key, and the page up/page down keys. That's because many page turners are actually simplified keyboards that feature just a few "keys" or pedals and they usually send some combination of these keystrokes; this configuration allows forScore to work with most accessories right out of the box.

## Virtual Keyboard

iOS' virtual keyboard, which normally appears on screen when you need to type, disappears when the system thinks you're using an external keyboard—this can prevent you from typing while using certain page turning devices. Some of these accessories include a hardware workaround to help you with this issue, which you can learn more about [here](#).

## Customization

Most of forScore's shortcuts can be customized, and you can set up dozens of optional actions using almost any keyboard shortcut, MIDI command, or other supported accessory input. Open forScore's Tools menu, choose Settings, then tap "Page Turners & Shortcuts" to access them all. Where applicable, defaults commands are shown in gray to the right of their associated actions. To customize an action, tap to highlight it and then activate a control on your external device—if the signals it sends are compatible with forScore, you'll see the command appear in blue next to it. Tap the "x" button to remove a custom command.

*Note: if a shortcut isn't being recognized, check that it's not already assigned to a different action; if so, you'll need to remove it from that other action before reassigning it to a new one. Note that certain signals, like MIDI commands that represent a range of values rather than a simple on/off state, cannot be used in this panel.*

## Apple Pencil

The front third of Apple Pencil 2 is touch sensitive (not just the flat side) and can be double tapped to perform certain actions depending on which app you're using. Apple provides a system setting that indicates how apps should generally behave—in forScore, "Switch between current tool and eraser" and "switch between current and last used tool" work as stated, while "show color palette" opens the currently selected tool's options, if applicable. If you choose "off" forScore will ignore this gesture.

By default this gesture only works while you're in annotation mode, but you can adjust this by changing the "switch tools" option in the Apple Pencil section of forScore's settings panel (great if you use the instant annotation settings described above). Otherwise, if you prefer to repurpose the gesture and allow it to perform a different task whenever annotation mode is **inactive**, you can assign it to any of the options available in the "Page Turners & Shortcuts" settings panel.

## AirPods

You can also flip pages using head turn gestures while wearing one or both AirPods Pro, AirPods 3, or AirPods Max. AirPods gestures are available beginning with forScore version 12.0.4. They require iOS or iPadOS 14.0 or later, compatible AirPods (a firmware update may be required), and a device that supports motion processing.

To flip pages backward or forward, hold your head still for a moment and then turn to the left or right with a quick and steady lateral motion (similar in speed and movement to a swipe gesture performed with your finger). Since gestures aren't relative to your screen, you can start them from any position: forScore establishes a resting baseline, then waits for horizontal movement in either direction to determine when you're trying to turn pages.

*Note: AirPods gestures are not customizable and can only be used to turn pages; they do not function as inputs in the "Page Turners & Shortcuts" settings panel.*

To set up AirPods gestures for the first time, open the Tools menu and choose Settings › Devices › AirPods, then enable gestures and, if prompted, allow forScore to access Motion & Fitness data to use this feature.

Once this is done, any time AirPods are active and connected to your device you'll see the AirPods icon in the [Display Options overlay](#) where you can toggle these gestures per-window.

# Accessibility

forScore includes several Accessibility options in the settings panel that can help you get more out of the app.

## Reflow

Although forScore can't interpret the notes in a PDF file, it can detect where important information is generally on each page. With Reflow, forScore takes that information, magnifies and redraws it, then lays it out end-to-end so you can read your music in one long line—like a horizontal teleprompter. Reflow gets you most of the way there with its smart detection, and if it gets something wrong you can correct it quickly and never worry about it again.

Reflow is available by default on iPhone but on other devices it must first be enabled for use through the 'Accessibility' section of forScore's settings panel. To activate it, select the Reflow (zig-zag arrow) icon from the [Display Options overlay](#).

Reflow mode features several buttons along the top of the screen: Edit, zoom, navigation mode, and an exit button. Learn about each of their functions below.

### Editing Zones:

The Edit button allows you to adjust Reflow's zones if needed. You'll see them as gray rectangles—tap once to see its resize controls, and tap again to show the delete option. Drag the green control at the top of each rectangle to downward to split it horizontally into two new areas.

You'll see a control bar along the bottom of the screen: use the + button at the bottom of the screen to create a new zone, use the arrows to move between pages, and drag the set of three lines on either end of the control bar to drag it up or down and out of your way. If you'd like forScore to reset all zones and re-scan the page, tap the Reset button.

### Zoom:

Zoom in or out to find the best magnification for you—up to three times as large as the original page.

### Navigation:

Choose to page or scroll through your music. In Page mode, tapping on either side of the screen will shift the music over by half of your screen's width. In Scroll mode, your music will scroll by continuously: tap the left side of the screen repeatedly to slow it down or the right side to speed it up. Tap in the center of the screen to pause or resume scrolling.

## More

Other Accessibility settings allow you to disable Drag & Drop and Contextual Menu gestures, [change the metronome's sounds](#), adjust the default size of links and buttons, or use full-screen menus.

# The Files App

On iOS and iPadOS devices, Apple provides a standard system interface that any app can use to help you work with documents, also available through the standalone “Files” app. It lets you access and work with your documents whether they’re stored in iCloud Drive, third party cloud storage services, or within apps like forScore that choose to make their documents available in this way.

## File Providers

The Files interface lets you access documents stored in iCloud Drive, other apps, or dozens of third-party cloud storage services like Google Drive or Dropbox. Learn more about configuring the Files interface to work with your favorite cloud storage provider at [forscore.co/files](https://forscore.co/files).

## Importing Files

Use the Import button in the main menu to copy files to your forScore library. Tap a single file or use the Select button (only available in the Browse tab) to import multiple files at once. Use the Locations sidebar to switch between cloud storage providers, including iCloud Drive, or to view files stored locally on your device.

## Sharing Files

Any time you share files from forScore, you’ll see iOS’ native sharing interface appear which includes an option called “Save to Files.” Use this action to copy your files to other apps or upload them to any of the cloud storage services you’ve configured.

*On iPads, Drag and Drop gestures make importing and sharing content even easier, especially when using iOS’ multitasking modes. Learn more about these gestures in the [Drag and Drop](#) section at the end of this guide.*

## The Services Panel

If you prefer, you can also access the Files interface using forScore’s Services panel. If it’s not already shown in the list of Services, tap the + button to select it, then tap it to view the splash screen and choose to either upload or download content.

## forScore’s Documents

Every app has its own Documents directory where they can store a user’s information. This is where forScore stores all of your PDF files; if you’ve ever used the [File Sharing](#) interface, this is the directory you were working with.

forScore’s Documents directory can also be accessed directly through the Files interface and standalone app. Choose “On My iPad” (or iPhone) from the Locations list in the app’s sidebar to see app folders for forScore and any other apps on your device that store data in their own Documents directories.

Working within forScore’s Documents directory through the Files app carries the same implications as working within the File Sharing interface does—delete files here and they’ll be permanently removed from forScore. We do not recommend renaming PDF files through this interface as doing so will remove that file’s metadata, annotations, and more.

*Note: If you want to rename PDF files stored in forScore’s Documents directory, use the metadata panel to change its title instead and the filename will be updated to match it as closely as possible.*



# iCloud Syncing

With iCloud Syncing, forScore can automatically keep your sheet music library up to date across all of your devices.

## Setup

To set up syncing, start with your device that contains the most complete and up-to-date music library. Choose Sync from the Tools menu and tap “Sync with iCloud” to enable it. Next, you’ll have to choose how to handle conflicts with any data already on the server, if applicable: in general, you should choose “Prefer Device Versions” on your primary device, and choose “Prefer iCloud Versions” from other devices that may not yet contain complete copies of your library.

Once you’ve completed syncing from your primary device, repeat these steps on your other devices. Note that your choice to prefer device or iCloud versions of your data is only necessary when enabling syncing—from then on, forScore has enough information to resolve conflicts automatically.

## Syncing Content

Syncing happens automatically as you make changes to your library and as efficiently as possible depending on your connection type, server availability, and other factors. Changes are typically synced in less than a minute but may be delayed in some cases; to request that forScore begin syncing immediately, open the Sync panel and drag the view downward until the refresh control starts spinning. Return to this view at any time to see when the last successful sync was completed.

Currently, forScore syncs your music library and content (your sheet music, bookmarks, setlists, metadata, annotations, recordings, and more). Settings are not synced, however, since many people choose to use slightly different configurations on different devices to get the most out of each form factor. Due to privacy considerations, Dashboard data is not currently synced across devices.

## Status & Error Messages

As with any network-dependent service, iCloud Syncing sometimes encounters issues that temporarily prevent it from completing its work. This is a normal part of the process and usually resolves itself after a short while. In other cases, syncing may not be able to proceed until you take additional action (in this case you’ll see a red exclamation mark next to the Sync entry in the tools menu).

## iCloud Accounts & Storage

forScore uses your personal iCloud account to store its data and keep your content up to date across all devices. For multiple devices to share the same forScore library, they must be logged into the same iCloud account. This feature does not facilitate sharing content between different accounts (even those that use Family Sharing).

Apple’s iCloud service provides different storage plans, and you will not be able to use forScore’s syncing functionality if your account does not have sufficient storage. iCloud accounts, storage plans, and payments are all handled exclusively by Apple.

## Backups

forScore stores its synced documents in iCloud, but in a separate location from Apple’s whole-device backups. If you use iCloud Backup to back up your device(s) and you also plan to use forScore’s syncing feature, you may not have sufficient storage space to accommodate both. If needed, forScore can indicate to the system that its documents should no longer be included in future whole-device backups. This increases the risk of data loss, but ensures that only the synced copies of your forScore files exist in iCloud. In this case, it’s imperative that you [manually back up your data](#) to a safe, non-synced location in case your data is corrupted or lost. Once a change is synced across your devices, this is the only way to ensure that you can revert to a previous state.

## Privacy

All of your data is stored by Apple using your iCloud account and as such is governed by their policies and terms of service. We do not maintain user accounts of any kind, and we do not analyze or share your content with any other party at any time.

# Backups

Every app on your device has a standard set of folders that it uses to store information. This 'Documents' directory is used to store user content, like documents you add to (or create within) an app. Other data like app settings, which are designed to be changed through the app's interface and not edited directly, are stored in a number of private app directories instead.

## 4SB Backups

In forScore's Backups panel you can create a forScore Backup (4SB file) that packages all of forScore's private information into a single document that is saved alongside the rest of your files in forScore's Documents directory. Copy all of the files in this directory (including the 4SB file) to a safe location and you'll be able to restore forScore back to its current state without affecting any other apps. As a safeguard, forScore creates an automatic 4SB backup when you launch the app. It keeps the most recent copy and a copy from the last calendar day you used it.

*A backup file can not be used on its own. It only contains forScore's information about your documents, not copies of your documents themselves. Backups are a good choice when copying all of your files to a computer using [File Sharing](#).*

## 4SB Archives

You can also use the Backups panel to create a forScore Archive which is similar to a backup (it also uses the 4SB file extension) but it includes a copy of every file in forScore's Documents directory as well. This means that in order to create an archive you need to have significantly more free space available on your device, but it can be used to restore your library or migrate to a new device by copying the single archive file.

*An archive file can be used on its own to recover or migrate your forScore library to a new device. They're great for uploading your library to a cloud storage service for safe keeping.*

## forScore Backup Utility

Mac users running macOS 10.14 or later can use the forScore Backup Utility to archive their iOS device's forScore library directly to their computer via a USB cable. This can be useful if you want to create a 4SB Archive but don't have enough free space on your device. Visit [forScore.co/backup-utility](https://forScore.co/backup-utility) for more information.

## Apple Backups

In most cases, whole-device backups to iCloud or iTunes (depending on your settings) are sufficient to get you back up and running if something happens to your device. The backup techniques described in the sections above are intended to provide an additional layer of security, not to replace this essential part of protecting your data.

## Recently Deleted Files

When you delete a score or setlist using forScore's delete functions, it is moved to the Recently Deleted section of the Backups panel. You can recover it for up to seven days or permanently erase it, if needed.

## CSV Metadata Import/Export

Tap the scrolled page icon in the top left-hand corner of the Backups panel to import or export your forScore metadata using standard CSV (comma-separated value) text files. These files are exported using UTF-8 encoding by default, but this can be adjusted to UTF-16 if needed under Settings > Advanced options > CSV export.

# Settings

## General

- **Auto-lock:** Disable this setting to prevent your device from sleeping automatically while forScore is open.
- **Search:** Adjust which kinds of results are shown and in which order, how many recent items are listed, and more.
  - **Show recent items:** Choose how many recent items to show in the search panel before you've typed anything into the search field (enter 0 for none).
  - **Search results:** Check or uncheck specific result types and reorder them to prioritize those you want to see first.
  - **Search PDF text for title:** When creating a bookmark, as you type in the title field this feature can offer page number suggestions based on occurrences of that text within the PDF file (not available for image-based files).
- **Devices:** Connect to certain types of accessories like the AirTurn PED or IKMultimedia BlueBoard.
- **MIDI:** Toggle the ability to send and receive MIDI commands or use the piano keyboard as a synthesizer.
  - **Send commands:** Allow forScore to send signals you've added to specific scores each time you open them (see [Metadata](#))
  - **Receive shortcuts** Allow forScore to interpret some incoming MIDI signals as score shortcuts (see the [Metadata](#) section) or action shortcuts (see [Page Turners & Shortcuts](#))
  - **Synthesizer:** Allow forScore to play piano sounds in response to incoming note messages.
  - **MIDI network setup:** Connect to a nearby network MIDI session.
  - **Bluetooth MIDI devices:** Connect to nearby Bluetooth LE-enabled MIDI devices.
- **forScore Pro:** Get more out of forScore with this optional, auto-renewing subscription.
  - **Manage subscription:** Learn more about, and sign up for, the forScore Pro service.
  - **Pop-up menus:** Enable or disable popup menus and manage your pinned tools.
  - **Face gestures:** If your device supports it, choose which face gesture mode to use and calibrate its sensitivity.

## Navigation

- **Up next:** See the next queued item's title in the status bar when you reach the last page of the current item.
- **Gestures:** Configure forScore's taps, swipes, and shortcuts to better suit your needs.
- **Page turners & shortcuts:** Use keyboard shortcuts, MIDI signals, page turner pedal presses, or an Apple Pencil 2 double tap gesture to trigger certain actions.
- **Page transitions:** This setting affects the transition animation that is used when turning pages.
- **Flip between scores:** Choose when to advance from the end of one score to the beginning of the next, like a book.
- **Landscape scrolling:** When using landscape orientation, scroll up and down by half or a third of a page (11-inch iPad Pro only).
- **Two-up page advance:** Choose whether to advance one or two pages at a time when using two-up mode.

## Appearance

- **Show status bar:** Controls whether the system status bar along the top of the screen is visible while using forScore.
- **Controls (or inline settings):** Prevent the seek bar from hiding when the title bar is dismissed, show the tab bar when a single tab is open, and control how the title bar behaves (if your device supports resizable windowing).
- **Theme:** Adjust the look and feel of forScore's interface.
  - **Colors:** Change forScore's primary interface colors or choose from a list of built-in themes.
  - **Interface style:** Choose to always use light mode, always use dark mode, or follow the system setting instead.
  - **Icon weight:** Choose a bolder or lighter style for most icons and buttons.
  - **Page dimming:** When using dark mode, forScore can dim your pages to reduce contrast in low light environments.

## Metadata

- **Score menu includes bookmarks:** Bookmarks typically appear in two places—the bookmarks menu itself, and alongside other files in the score menu. Disable this to hide bookmarks from the score menu.
- **Use external audio:** When forScore launches, it checks to see if iOS' shared audio system is currently in use. If so, this option will allow you to control playback of that track, temporarily overriding any linked tracks.
- **Sorting:** Adjust how forScore sorts your composers, scores, and bookmarks.
  - **Sort composers by first name:** Alphabetizes by first word in the composer value instead of the last word.
  - **Smart sorting:** For checked items, sorting ignores common prefixes like “the,” “a,” or “an.”
- **PDF annotations:** Choose which kinds of embedded PDF annotations should be visible (and interactive, if applicable).

## Annotation

- **Exit two-up mode to annotate:** If you're using two-up mode, use this setting to control whether or not forScore should temporarily return to one-up mode and enlarge the current page while annotating.
- **Apple Pencil:** Adjust how annotation works when using Apple Pencil or the similar Logitech Crayon.
  - **Automatically enter annotation mode:** Allows you to begin drawing at any time without entering annotation mode first.
  - **Automatically exit annotation mode:** Allows forScore to save your work and exit annotation mode after a brief period of inactivity (defaults to Never).
  - **Prevent finger drawing:** Restricts drawing to Apple Pencil in order to prevent accidental input.
  - **Variable width:** Choose whether to increase drawing width based on tilt and/or pressure, and optionally enable a more advanced method of curve drawing.
  - **Switch tools:** Apple Pencil 2's double tap gesture can control which annotation tool is currently active, and by default only works while you're in annotation mode. Enable this setting to allow the gesture to work at all times (if you do, this gesture will no longer be configurable within the [Page Turners & Shortcuts](#) panel).
- **Annotation tools:** Control how forScore saves your last-used preset between annotation sessions.
  - **Remember tool selection:** Allow or prevent forScore from saving your last-used annotation tool.
  - **Default tool:** Choose a specific tool to always be selected when you enter annotation mode. If an item is selected in this section, the previous section has no effect.
  - **Add period with double-space:** iOS automatically adds a period when you type two spaces into a text field. Disable this setting to prevent that behavior while using forScore's text annotation tool.
- **Variable width:** Adjust how much forScore should emphasize your drawings based on speed or Pencil pressure and tilt.

## System

- **Accessibility:** Enable or disable certain features, change the app's color, adjust the size of links and buttons, or customize the metronome's sounds.
- **App icon:** Change forScore's app icon.
- **In-app purchases:** Access any downloadable content you've previously purchased through forScore's storefront.
- **Advanced options:** Access advanced/older settings and temporarily re-enable retired features that have limited support and may be removed in future updates.
- **Restrictions:** Set a passcode and hide certain features.
- **Reset:** Restore default app settings, stamps, or drawing presets, or scan your library and remove any unused data.

# Windows

Multi-window support is a natural part of using a Mac but still a relatively new addition to iPad. Windows give you the freedom to multitask with ease, letting you switch from one context to another without losing your work or having to remember what you were just viewing.

*Note: multi-window support is only available on macOS and iPadOS. Specific instructions for opening or closing windows can depend on your operating system and version—please consult Apple’s documentation for complete details.*

## Primary Window

forScore’s main interface always appears first. It offers the complete forScore experience, all features described in this guide, and can be used on its own without any additional windows.

## Secondary Windows

While forScore’s primary window gives you complete access to all of the app’s features, secondary windows offer a more modern, streamlined interface built using functionality that wasn’t available when forScore was first built. Secondary windows are designed to take full advantage of these features—things like Contextual Menus—and offer a unique experience designed around them. In most cases, secondary windows mimic the core forScore experience and conform to your preferred settings; they work as similarly to the primary window as possible while offering most of the app’s best functionality.

Secondary windows combine forScore’s many different windows and panels into a single hierarchy, with a sidebar, menu, and page view all in one. Swipe inward from the left side of the screen or press the sidebar button in the top left-hand corner of the screen to access these views.

### Sidebar & Search:

The sidebar gives you a high-level view of your library and the integrated search function offers instant access to almost anything (just like the primary window’s global search function).

### Menus:

Menus are presented to the right of the sidebar—their lists can be sorted and their contents can be edited in similar ways as the primary window using the icons in the navigation bar at the top of the menu or with swipe actions and contextual menus. Menus also feature a search bar that lets you filter the contents of the list below it.

### Page View:

The page view supports similar gestures as the primary window (swipe or tap to turn pages and tap the center of the screen to show or hide the navigation bar and seek bar). Use the buttons in the navigation bar to edit or share the current score and to access the [Display Options](#) interface where you can adjust layout, page turning behavior, sepia mode, performance mode, face gestures, and more.

## External Windows

Much like the older “tv output” setting originally offered for the earliest iPads that didn’t support screen mirroring, external windows show a copy of the current score in a presentation-friendly way so you can show a page to students, an audience, or to multiple performers. This type of window is created when toggling the “external display” option in the [Display Options](#) interface, shown at all times on macOS and also on iPads whenever an external display is available.

# Drag & Drop

Drag and Drop gestures make working with forScore much faster and more intuitive. In most cases Drag and Drop provides a second way of doing things, so you're free to use the original way if you prefer.

*Note: Apple restricts Drag and Drop interactions to a single app at a time on iPhones or iPod Touches running iOS 14 or earlier. Update these devices to iOS 15 to access all of the features described below.*

## Basics

To use Drag and Drop on iOS or iPadOS, tap and hold certain items for a moment until they appear to lift off the screen, then drag your finger away from it slightly to begin the drag process. While holding the item with one finger, you're free to use your other fingers to interact with forScore or any other app on your device. On macOS, drag and drop works immediately—just click and drag without pausing first. Since Macs don't support multiple simultaneous pointer interactions, some drag and drop techniques described below may not be practical on macOS.

*Note: Contextual Menus also use a long press gesture and change how Drag and Drop works in cases where both are available. Tap and hold an item to show its contextual menu and then drag the preview away to use Drag and Drop (there's no need to lift your finger first, just use one continuous motion). If you prefer, you can disable either Drag and Drop or Contextual Menus in the Accessibility section of forScore's settings panel.*

In some cases, tapping additional similar items adds them to the drag session (like dragging a score in the Score menu, then tapping other scores to drag them at the same time). You can open and close menus and panels and your drag items will follow your finger as long as it's touching the screen.

When you've dragged your finger over a valid drop zone, you may see some indication that lifting your finger here will perform some kind of action. The drop zone may react by moving or changing colors, or a green "+" badge may appear, for instance, letting you know that dropping the items in this spot will copy them in some way. Each interaction works a little differently, so try some of the following examples for yourself to see how they behave.

## Rearranging Items

Many of forScore's views list items that can be rearranged: setlists and their contents, libraries, audio tracks and MIDI commands in the Metadata panel, accounts in the Services panel, and more. Typically, these items can be arranged by tapping "edit" and then dragging the three horizontal lines on the right-hand side of the cell up or down as needed. With Drag and Drop, there's no need to enter "edit" mode first—simply tap and hold any part of the item until it lifts up and out of the list, then drag up or down.

## Working With Items

Scores and bookmarks can be dragged out of forScore's Score, Bookmark, and Setlist menus, the Search panel, and you can even drag the current item out of the main view's title display (and remember: you can use any combination of these sources to add multiple items to your drag session). Drag any single item onto the page to open it, or drag one or more items into the Tab bar to open them in tabs.

## Working With Setlists

No feature is better suited to Drag and Drop than Setlists. Creating, editing, and organizing your setlists is dramatically simpler and faster using these new gestures. To rearrange setlists or their contents, drag items up or down as discussed in the "rearranging items" section above. You can also drag a setlist into or out of a folder to move it.

To create a new setlist, drop one or more scores or bookmarks into the main Setlists list and supply a name. To add items to an existing setlist, drop them onto the setlist's name and they'll be added to the end of that list. Or, hover over a setlist (or tap it) to open it, then drop the items into the list at a specific point. You can even drag items out from one setlist and into another one to copy items between them.

## Importing & Sharing Files

Drag and Drop isn't just restricted to the same app; you can also drag compatible files into forScore to import them. Drop one or

more PDF files into the Score menu to add them to your library, onto the page to import them and open the last one, or drop them into the tab bar to import and open all of them in new tabs. Drop them into the Setlist menu to create a new setlist with them or add them to an existing setlist using the same methods described in the previous section.

Importing works with other files, too. Drop any file type supported by forScore into certain views or panels to import them. Other supported formats include our own 4SC (scores), 4SS (setlists), and 4SB (backups) file types, as well as certain kinds of text and audio files.

You can also drag some items out of forScore to export them: drag a score to share a copy of its source PDF file, or drag an audio track, recording, or backup file to copy it to any other app that accepts them.

## Audio Tracks

forScore uses Drag and Drop to help you work with audio files more quickly and flexibly, too. Drag them into and out of the audio file picker to import or export them, or drag them onto the media box to import them and link them to the current score or bookmark.

If the current track is a locally stored file, you can drag the track's title out of the media box to send a copy to another app. Otherwise, if it's a track that comes from your device's shared Music library, you won't be able to export the file but you can still use Drag and Drop to add the track to another score or bookmark in your library (drop it into the Metadata panel's audio track list).

## Annotating

While annotating, use Drag and Drop to rearrange your drawing presets by dragging them left or right. You can also work with images in several ways: drop an image onto the page (from the Photos app, Safari, or any app that allows you to drag images) and forScore will place it as an annotation. Resize it, reposition it, then tap outside of it to complete the process.

Create new stamps by dragging images from other apps directly into the Stamp Creator's canvas. Use the Selection tool to select an area of drawn annotations, then use Drag and Drop to copy them as an image to other apps. Since you're working with standard images in both cases, you can even combine these two examples to create new stamps from annotations you've previously drawn by hand, all without leaving the app or needing to go to your computer to deal with image editing software.

## Services

In the Services panel, use Drag and Drop to move files between folders or drop certain things here to upload them. Drag scores, bookmarks, setlists, audio files, backups, or CSV files into the Services panel to upload them.

## MIDI

Drag commands between the various MIDI sections in the Metadata panel and the Button editor to copy them, or drag commands onto the page to create a new button with them.

## Multiple Windows

On iPadOS, Drag & Drop gestures can be used to create new windows. Drag a score or setlist to the left or right edge of the screen until it shows the forScore app icon, then let go to open a new window displaying that content.

## Disabling Drag and Drop

Some users may find that iOS' Drag and Drop gestures interfere with their ability to work. Although iOS does not currently provide a system setting to disable them, forScore offers an option in the Accessibility section of its Settings panel called "Drag and Drop" that significantly alters how it utilizes these gestures. When this setting is disabled, forScore does not make items available for dragging and most interactions return to how they worked with older versions of iOS.

Note that this setting does not affect how forScore receives drop gestures originating from other apps, however, so you can still do things like drag a PDF file from the Files app directly into forScore to import it.

# Contextual Menus

On iOS and iPadOS, Contextual Menus combine thumbnail previews, swipe actions, edit mode actions, and Drag and Drop gestures into one streamlined interaction. On macOS (or when you're using a pointing device with an iPad) they work just like normal right-click menus. Just as it does with Drag and Drop gestures, forScore leverages Contextual Menus to make many of its existing features more accessible, discoverable, and quicker to use.

## Basics

If you're using your finger, a long press (or tap and hold) gesture opens a contextual menu whenever one is available, along with a content preview when applicable. Tap to choose any of the available actions, or tap away to dismiss it. If you're using a pointing device, right click instead to open a contextual menu; note that in this case Apple does not provide any previews but menus otherwise work the same way.

## Scores & Bookmarks

A great place to use contextual menus is when you're working with scores and bookmarks in list views like the main score, bookmark, and setlist menus, the search panel, and within item pickers used throughout the app. Tap and hold an item to see a preview of it and discover all of the actions that are currently available: common actions include opening an item in a new tab, sharing it, or deleting it. In most cases, you can also tap the preview image to either open or select it depending on the context.

## Setlists

When working with setlists, use contextual menus to share, duplicate, move, delete, or open them in a new tab. The move item, in particular, uses nested menus to give you more granular options: tap "move" then choose from "to top" or "to bottom."

## Multiple Selection

In menus that support multiple item selection through edit mode, contextual menus can be used to work with all selected items at once. Tap "Edit" to activate edit mode, select two or more items, then tap and hold or right click on any one of them to see which options are available for all of those items.

## More

In forScore's main view, the title bar's central display area includes a contextual menu that lets you work with the current score. You can also right click on any open tab to work with that tab's item, or anywhere on the page to access additional common actions (due to conflicts with existing tap-and-hold gestures, these last two menus are not available using touch).

While in annotation mode, use contextual menus to duplicate or delete drawing presets and to copy, paste, replace, clear, or delete annotation layers. In the tools menu, contextual menus are available for many (though not all) items in the list. If there's a tool you haven't used yet or want to know more about, tap and hold it then choose "learn more."

Other places you can use contextual menus include the Services panel, libraries menu, backups panel, storefront, and Dashboard. Tap and hold items within these views to see all of their available actions.

## Mac Menus

On macOS, contextual menus in forScore work just like other "right click" menus. They do not provide previews or icons but otherwise replicate the same functionality as described above.

## Disabling Contextual Menus

If you find that contextual menus aren't helpful, or if they interfere with Drag & Drop gestures, you can disable some of these interactions by visiting the Accessibility section of forScore's settings panel.