Kapelle Clefs 1.0
User Manual

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The Work Environment

The Kapelle Clefs Interface

Kapelle Clefs is simple application with a clean, uncluttered interface:

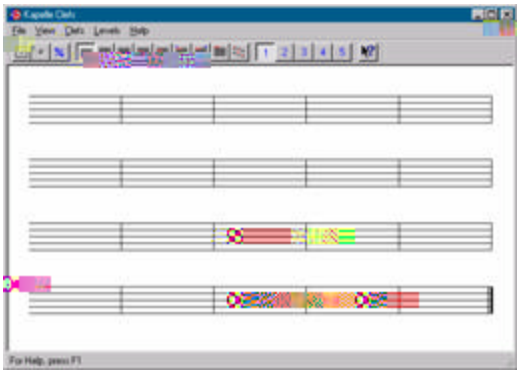


Figure 3: Kapelle Clefs toolbar

The Toolbar can be docked to any one of the window's four boundaries, and can be floated as an independent window and resized.

Floating the Toolbar

To float the Toolbar, position the mouse cursor over any point in the Toolbar not occupied by an icon, hold down the mouse button, and drag the Toolbar to a location away from the edge of a window. The Toolbar will then "float"—that is, be an independent palette-type window.

Figure 4: Floating Toolbar

Docking the Toolbar

To fasten ("dock") the Toolbar to one size of the main window, position the moust cursor over the floating Toolbar's title bar, and drag the Toolbar towards one of the edges of the window. When you approach the edge of the window, release the mouse button and the Toolbar will dock itself to that side of the window.

In this illustration, the Toolbar has been docked to the left side of the window:

Figure 5: Docked Toolbar

Resizing the Toolbar

A floating Toolbar can be resized. Simply position the mouse cursor over any of the four edges, or any of the four corners, and drag the cursor to resize the Toolbar.

Figure 9: An activated menu

exercises, showing your progress report, controlling MIDI settings,

Figure 16: Help Menu

Using Context Menus

Clicking the alternate mouse button (usually the right button on most systems) over various parts of the Kapelle Clefs window will result in a *context menu*, or a menu containing most of the commands that are suitable to that location.

The context menu that appears for the main window body is as follows:

Figure 17: Main Window context menu

NOTE: if an exercise is not currently under way, the first command on the menu will read **New Exercise** instead of **Stop Exercise**.

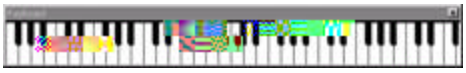
The context menu that appears if you right-click on the Toolbar, the Menu Bar, or the Status Bar is as follows:

Figure 18: Secondary context menu

Using the Keyboard

If you do not have a MIDI keyboard attached to your computer, you may use the built-in onscreen keyboard.

To make the keyboard visible, select **Keyboard** from the **View Menu**.



Clef Exercises

Doing an Exercise

Kapelle Clefs is not a complicated application. An exercise consists of a screenful of notes, each in its own measure.

The object of the exercise is to play the notes of the exercise—either on a MIDI keyboard connected to your computer or using the onscreen keyboard—until the end of the exercise. You are scored by the number of notes you have played correctly.

To start an exercise, select the clef (or clefs) that you wish to work with, and the level. (See the following sections for information about doing that.)

Then start the exercise by any of the following techniques:

- Select Page Tc -0.1824iW/F2 9.375 Tf -0.03c 0 Tw (13)247XERCISEnique2-0.3 Tw (0391 Tc -

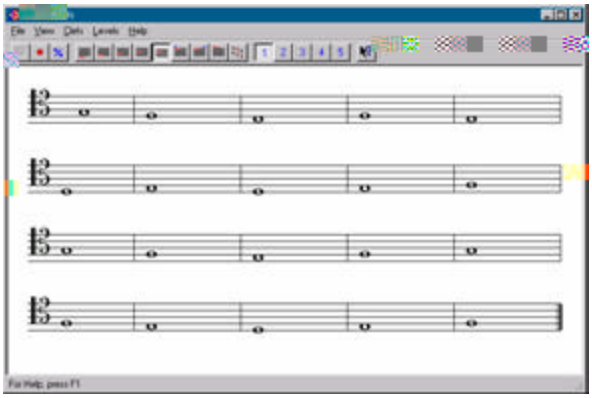


Figure 20: A Kapelle Clefs exercise

After you play an individual note, that note will be colored. The color of the note changes for correct notes versus incorrect notes. In this illustration, the first seven notes have been played:

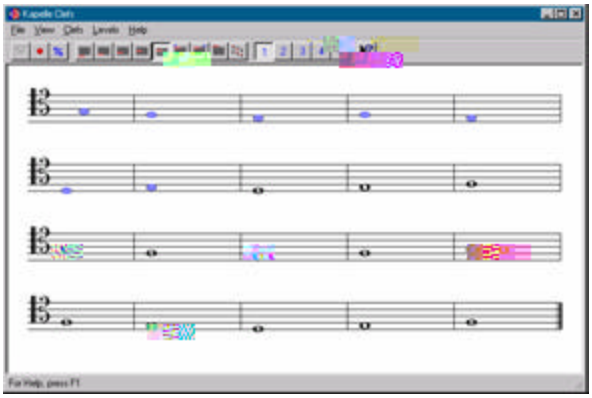


Figure 21: Exercise with seven notes played

The exercise stops automatically when you reach the last note, and presents you with a summary of your performance:

Figure 22: Summary of an exercise

If you wish to stop the exercise before you have reached the last note, use the Stop Exercise command, which can be given using

- Level 2: Some leaps up to a fourth, no accidentals or leger lines
- Level 3: Same as Level 2 but with accidentals added
- Level 4: Same as Level 3 but with leger lines added
- Level 5: Large leaps, all accidentals possible, leger lines

You may select the level of difficulty a number of ways:

- Select the level from the Levels Menu
- Select the level from the Context Menu
- Click on a 'level' icon on the Toolbar

Figure 24: Level icons

- Press the Control key + the level you desire (Control+1 is Level 1, Control+2 is Level 2, and so forth.)

Figure 25: Multiple Clefs dialog box

Select at least one clef from this dialog box by clicking in the

checkbox to the left of the clef's name.

NOTE: if you do not select any clefs, clicking OK will result in the following:

Figure 26: Warning message for clef selection

Kapelle Clefs will choose the location of the various clefs at random. Here is an example which mixes Treble, Soprano, Tenor, and both varieties of Baritone clefs:

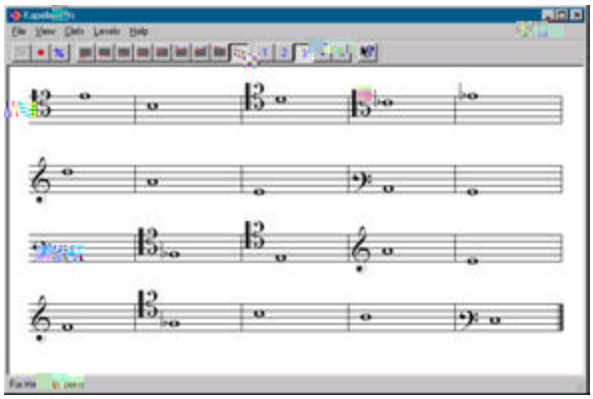


Figure 27: A mixed clef exercise

Progress Reports

The Contents of Your Progress Report

A progress report is a special file created for you automatically by Kapelle Clefs the first time you used the application. It contains a record of all of the exercises you have performed, together with their scores, the time it took to do the exercise, and the date/time when you did each individual exercise.

The progress report is shown in a special dialog box which allows you to manipulate the contents of your progress report: you can delete entries, sort the report by various criteria, filter out entries, as well as print or export your progress report as a text file.

Understanding the Progress Report Window

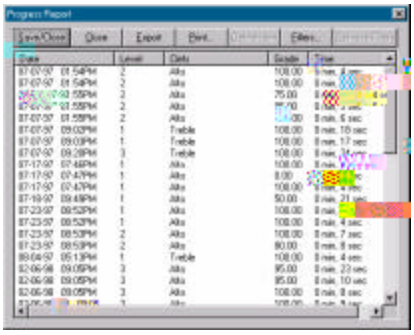


Figure 28: The Progress Report Window

The main area of the progress report window is devoted to a list box which displays each entry in the progress report. Each entry represents a single exercise, and each entry contains the following fields:

- Grade: the score you received for your performance
- Time: the length of time it took to perform the exercise

Sorting Entries

You may sort the entries by any of the five fields—Date, Level, Clefs, Grade, and Time. Sort them by clicking on the field header:

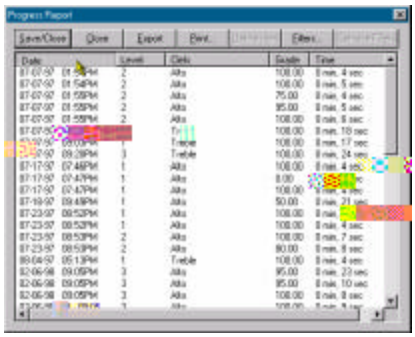
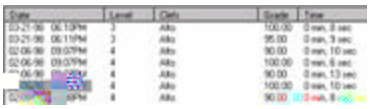


Figure 29: Sorting the entries by Date

Selecting Entries

To select an entry, click on the Date field for that entry:



Figure

key and click on each entry you wish to select:

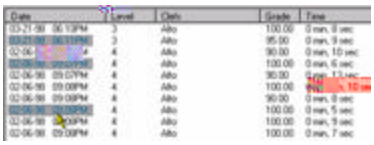


Figure 32: Selecting multiple, non-contiguous entries

Deleting Entries

To delete an entry, select the entry or entries you wish to delete (see the above section on selection techniques) and then click on the “Delete Item” button on the top of the window:

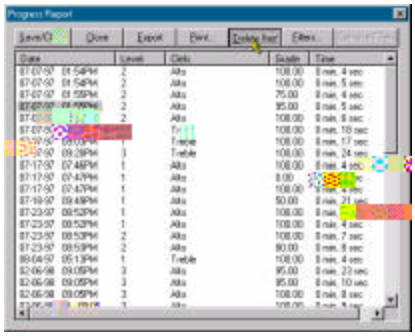


Figure 33: Deleting an item

NOTE: the item will not be permanently deleted unless you click on the “Save/Close” button, which saves the changes you have made in your progress report. If you click on the “Close” button instead, you will be given the option to close your report without saving changes.

Progress Report: it determines how they are displayed and printed only; the contents of the actual file remain unchanged.

To reach the filters, click on the “Filter” button:

Figure 34: Location of the Progress Report buttons

You will be presented with the Filters property sheet, which is a “tabbed” dialog box—each tab controls one specific filter. Go to each property page by clicking on its tab:

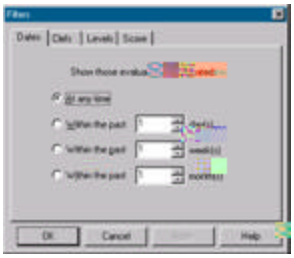


Figure 35: The Filters Property Sheet (Tabbed dialog)

Filter by Date

You may filter entries to those occurring within a specific time frame, measured from the present:

Figure 36

Figure 37: A sample filter

Date filters operate up to a y 71or ih rate uye past10 -32010.0379 T -0.16 (37) Tj .75 0 TD 0.0379 To

Figure 38: The Filter by Clefs Property Page

Any clef with a check mark beside it will be displayed.

Filter by Level

You may restrict the display to only those levels you choose:

Figure 39: The Filter by Levels Property Page

Any level with a check mark beside it will be displayed.

Filter by Score

Finally, you may restrict your display to just those exercises that fall within a range of scores:

Exporting Your Progress Report

You may export your progress report to a plain-text, tab-delimited file, suitable for importing into a spreadsheet or database application.

To export your progress report, click on the “Export” button. You are presented with a standard Windows Save As dialog box:

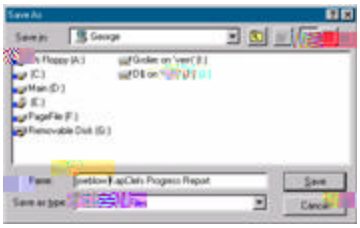


Figure 44: Save As dialog box

Kapelle Clefs offers a default name for your progress report; you may change this to suit yourself. Use the Save As dialog box to navigate to the location where you want to save the exported progress report, then click Save.

NOTE: an exported progress report is always the complete set of entries, whether or not the report has been filtered.

Closing the Progress Report Dialog Box

To close the Progress Report dialog box, click either Save/Close or the Close button. Save/Close will automatically save changes you have made, and then close the dialog box.

Clicking on the Close button will give you the option of saving any changes you may have made prior to closing the dialog box:

Figure 45: Closing the Progress Report

Note that any changes you have made—sorting, filtering, deleting—

are not saved permanently to the progress report file unless you specifically indicate that the changes are to be saved, either by clicking the Save/Close button, or by clicking on Close and then clicking “Yes” in response to the query about saving your changes.

MIDI

Using a MIDI Keyboard With Kapelle Clefs

If there is a MIDI instrument (usually a keyboard) connected to your computer via a standard MIDI cable, you can use that MIDI keyboard for Kapelle Clefs input.

The MIDI OUT port of the MIDI keyboard should be connected to the MIDI IN port on your computer for input to work. In most setups, the keyboard's MIDI IN port is connected to the computer's MIDI OUT port as well, although that isn't required for MIDI input in Kapelle Clefs.

Most computers nowadays have sound cards which contain a built-in MIDI interface. The MIDI ports are usually combined with the joystick connector; a special cable is required that splits the port into separate connectors for joystick and MIDI.

Consult the documentation for your sound card for more details.

Using Kapelle Clefs Without a MIDI Keyboard

If you do not have a MIDI keyboard, or do not have MIDI capability at all, you can still use Kapelle Clefs with the built-in onscreen keyboard.

To show the keyboard, select the command **Keyboard** from the **View Menu**. The onscreen keyboard will be displayed:

Figure 46: The onscreen keyboard

The onscreen keyboard may be positioned anywhere on the screen that is convenient for you.

To close it, select again the command **Keyboard** from the **ViewMenu**, or

click on the keyboard's close box (on the right-hand side of the keyboard's title bar.)

To play a note on the keyboard, click it and hold the mouse button down for as long as you wish the note to continue sounding. The key will be highlighted in inverse video. If you have a sound card in your computer, you should hear the note as it is being played.

Note that the location of middle 'c' is marked on the keyboard.

The MIDI Settings Dialog Box

Kapelle Clef's MIDI Settings are all reached via the MIDI Settings dialog box. Use this dialog box to set input and output ports, output channels, output programs, and the MIDI Thru feature.

To adjust your MIDI settings, select the command **MIDI SETTINGS** from the **FILE MENU**.

The MIDI Settings dialog box is displayed:

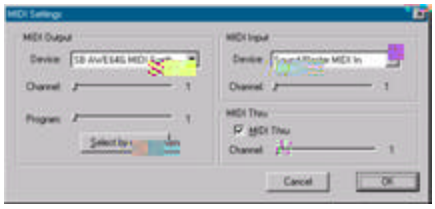


Figure 47: MIDI Settings dialog box

Setting the MIDI Input and Output Ports

To set your MIDI Input and Output ports, use the list boxes in the MIDI Settings dialog box. Both of these will allow you to choose from available devices on your system:

Figure 48: MIDI Input and Output ports

NOTE: most systems will have only one MIDI Input port, but may

well have several output ports.

Note that you can set a particular channel for receiving MIDI input. The default is channel 1, and should not have to be changed for most equipment setups.

Setting Output Channels

The MIDI Output Channel determines which of the standard 16 MIDI channels Kapelle Clefs uses for MIDI output. Kapelle Clef's playback is always through one single MIDI channel. Use the Channel slider to select a value between 1 and 16:

Figure 49: MIDI Output Channel selector

Setting Output Programs

Kapelle Clefs will set your MIDI device to play using any one of its available programs, from 1 through 256. You may use the slider to

click on the program's name).

Setting MIDI Thru

MIDI Thru allows you to route the output of your MIDI instrument to the input of a MIDI playback device (such as the internal sound card on your computer.) You may select which channel receives the routed output information by using the slider.

Figure 52: MIDI Thru controls

Use the MIDI Thru channel slider to set the channel. Make sure that the MIDI Thru check box is checked for MIDI Thru to be enabled.

Summary of Commands

New Exercise

Use this command to start a new exercise. The command is disabled if an exercise is already in progress.

- Keyboard: Control+N
- Icon:
- Menu: File, Context

Stop Exercise

Use this command to stop an exercise that is currently in progress. The command is disabled if there is no current exercise.

Using this command will result in the score for the current exercise being discarded.

- Keyboard: Control+X
- Icon:
- Menu: File, Context

Progress Report

Shows the progress report dialog box.

- Keyboard: Control+P
- Icon:
- Menu: File, Context

MIDI Settings

Shows the MIDI Settings dialog box.

- Menu: File

Exit

Exits the Kapelle Clefs application.

- Menu: File

View Toolbar

Shows or hides the Toolbar.

- Menu: View, Context

View Status Bar

Shows or hides the Status Bar.

- Menu: View, Context

View Keyboard

Shows or hides the onscreen keyboard.

- Menu: View, Context

Color, Correct Notes

Displays the standard Windows Color dialog box, enabling the selection of the color for correctly-played notes.

- Menu: View

Color, Incorrect Notes

Displays the standard Windows Color dialog box, enabling the selection of the color for incorrectly-played notes.

- Menu: View

Default Colors

Resets the colors for correctly- and incorrectly-played notes to the program defaults.

- Menu: View

Treble Clef

Sets the clef for the next new exercise to Treble.

- Menu: Clefs, Context
- Icon:
- Keyboard: Control+T

Soprano Clef

Sets the clef for the next new exercise to Soprano.

- Menu: Clefs, Context
- Icon:
- Keyboard: Control+S

Mezzo Soprano Clef

Sets the clef for the next new exercise to Mezzo-Soprano.

- Menu: Clefs, Context

- Icon:
- Keyboard: Control+M

Alto Clef

Sets the clef for the next new exercise to Alto.

- Menu: Clefs, Context
- Icon:
- Keyboard: Control+A

Tenor Clef

Sets the clef for the next new exercise to Tenor.

- Menu: Clefs, Context
- Icon:
- Keyboard: Control+E

Baritone (C) Clef

Sets the clef for the next new exercise to the C-clef Baritone.

- Menu: Clefs, Context
- Icon:
- Keyboard: Control+C

Baritone (F) Clef

Sets the clef for the next new exercise to the F-clef Baritone.

- Menu: Clefs, Context

- Icon:
- Keyboard: Control+F

Bass Clef

Sets the clef for the next new exercise to Bass.

- Menu: Clefs, Context
- Icon:
- Keyboard: Control+B

Multiple Clefs

Displays the Multiple Clefs dialog box, enabling the selection of multiple clefs for an exercise.

- Menu: Clefs, Context
- Icon:

Level 1

Sets the level for the next exercise to Level 1.

- Menu: Levels, Context
- Icon:
- Keyboard: Control+1

Level 2

Sets the level for the next exercise to Level 2.

- Menu: Levels, Context
- Icon:

About Kapelle Clefs

Displays the About Kapelle Clefs dialog.

- Menu: Help

Keyboard Shortcuts

Command Name	**Keyboard**
New Exercise	Control+N
Stop Exercise	Control+X
Progress Report	Control+P
Treble Clef	Control+T
Soprano Clef	Control+S
Mezzo-Soprano Clef	Control+M
Alto Clef	Control+A
Tenor Clef	Control+E
Baritone (C) Clef	Control+C
Baritone (F) Clef	Control+F
Bass Clef	Control+B
Level 1	Control+1
Level 2	Control+2
Level 3	Control+3
Level 4	Control+4
Level 5	Control+5

System Requirements

Kapelle Clefs is a 32-bit Windows application and will run only under a 32-bit Windows operating system. It has been tested for reliable operation on the following platforms:

- Windows 95
- Windows NT 3.51
- Windows NT 4.0
- Windows 98

Kapelle will *not* run under the following operating systems:

- Any 16-bit version of Windows (such as Windows 3.1)
- Windows for Workgroups 3.11
- OS/2 Warp 3.0 or 4.0

Kapelle Clefs has not been tested under any of the Windows emulators, such as *SoftWindows* for the Macintosh or UNIX systems.

Kapelle Clefs is not processor intensive, and can run adequately on any computer system that is capable of running any of the supported operating systems.

In order to hear any sound with Kapelle Clefs, your computer should contain either a Windows-compatible MIDI interface, or a sound card with a built-in MIDI interface. Since Kapelle Clefs communicates with the MIDI hardware via the Windows multimedia interface, any sound card/MIDI interface which works correctly with Windows should work with Kapelle Clefs.

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