

Hot Potatoes 7+

HP7+ v 1.0

(for Hot Potatoes v7)

The examples in this tutorial are for version 1.0.1.

You can easily adapt them for other versions (1.0.2, 2.0.1 etc.)

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I What is HP7+?

HP7+ is similar to the original HP version 7 but some features, which are available in [my add-ons](#), have been added (see the table below).

You will find these features in JMatch7+, JQuiz7+, JCloze7+ and JCross7+. Unfortunately the original code of JMix prevents from using colors for correct and incorrect answers.

		JMatch7+ std	JMatch7+ d&d	JQuiz7+	JCloze7+	JCross7+	JMix7+ std	JMix7+ d&d
Colors for correct and incorrect answers	p 5	correct answers			correct answers			
Practice mode (autohighlight of the answers) and test mode	p 6			N/A	*			
Possibility to change the font size of the text in the draggable cards	p 5	N/A		N/A	N/A	N/A		
Possibility to use a mini audio button (play or play/pause)	p 7	**			***		***	***
Possibility to choose the width of the reading container	p 7							

Captions:

	enabled
N/A	not applicable

* Only for text boxes in output (not for dropdown lists).

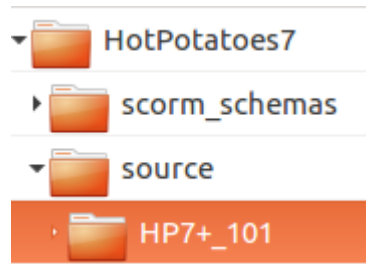
** Only for left items.

*** Only in reading text, titles etc. but not as an item (JMix) or an answer for a gap (JCloze).

As JMix is the "poor cousin" of HP7+ family, I have added the possibility to choose the number of lines for JMix d&d (see p 8) and modified the display after Check or Hint (see p 8).

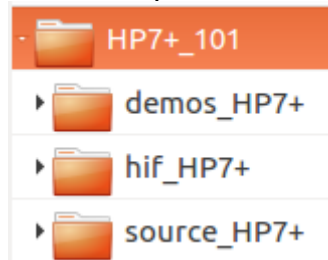
II How to install HP7+?

Unzip HP7+_101.zip and **copy the HP7+_101 folder** where you want, for example in the source folder of Hot Potatoes:



Note: you can copy the folder anywhere on your hard disk and rename it as you like.

Check that the demos, hif and source folders are present



Note: The styles in hp7.cs_ are those of the original Hot Potatoes css. The modifications in hp7.cs_ are described at the beginning of the file.

III How to create a HP7+ exercise?

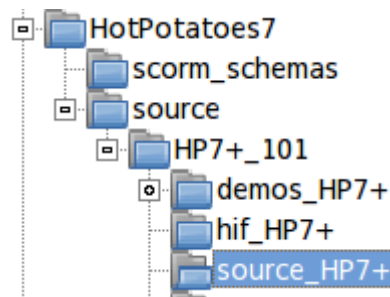
1- **Start any program** (JMatch, JMix, JCloze, JCross or JQuiz) and use it as you are used to with the original version.

To configure the output see below (p 5, p 6 and p 7).

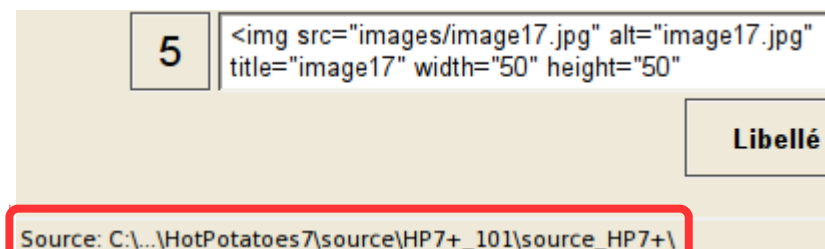
2- Tell the program that instead of using the original source files, **the special source files have to be used**.

Press the **Shift + Control + ALT + S** keys **simultaneously** or the appropriate file menu item (Options>Set source file location ).

Choose the special source folder where the needed files are located:



You will see which source folder is in use:

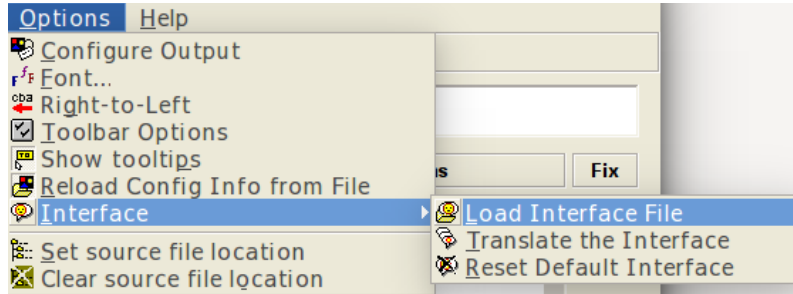


IV How to load the interface file

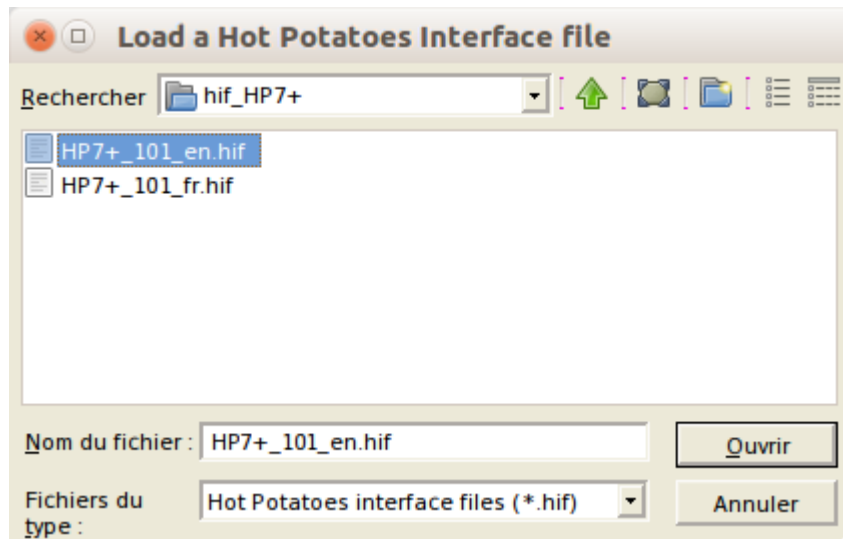
You don't necessarily have to do it but if you load the interface file associated with HP7+ it will be easier for you to change the configuration output.

Note that the interface file is the same for all the programs of HP7+.

Open any program of HP7. Click on **Options->Interface->Load interface file**.



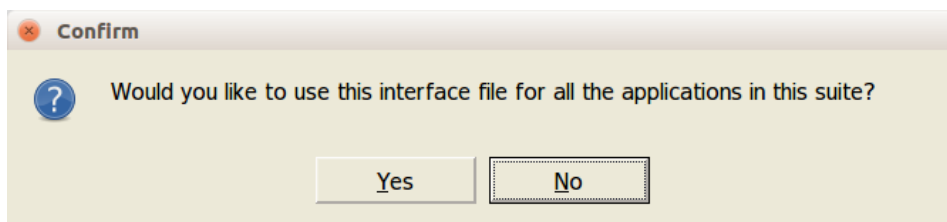
Browse to the folder HP7+_101/hif_HP7+ and choose the hif adapted to your language.



In the HP7+_101/hif_HP7+ folder you will not find all the existing hif. You will find them on the [hpaddons site](#).

You can add the translation in your language, if it does not exist, on the [Paolo Cutini's site](#) or contact me on the [hotpotusers google group](#).

A dialogue box will ask you if you would like to change the interface for all applications. Choose **"No"**.

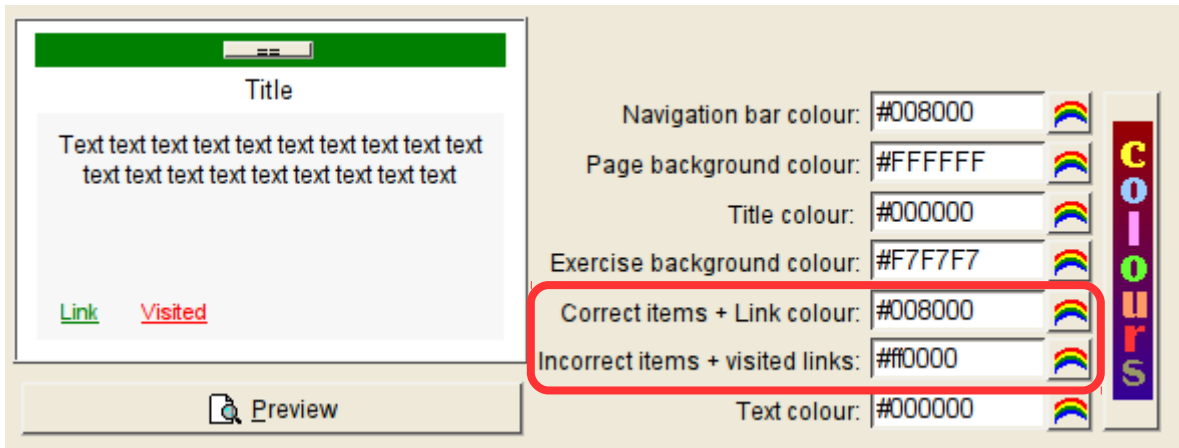


You will notice the change in Options>Configuration output>Appearance and Options>Configuration output>Custom. (see p5)

V How to choose the colors for correct and incorrect answers?

The colors are the same as the links and visited links colors.

Options>Configuration output>Appearance:

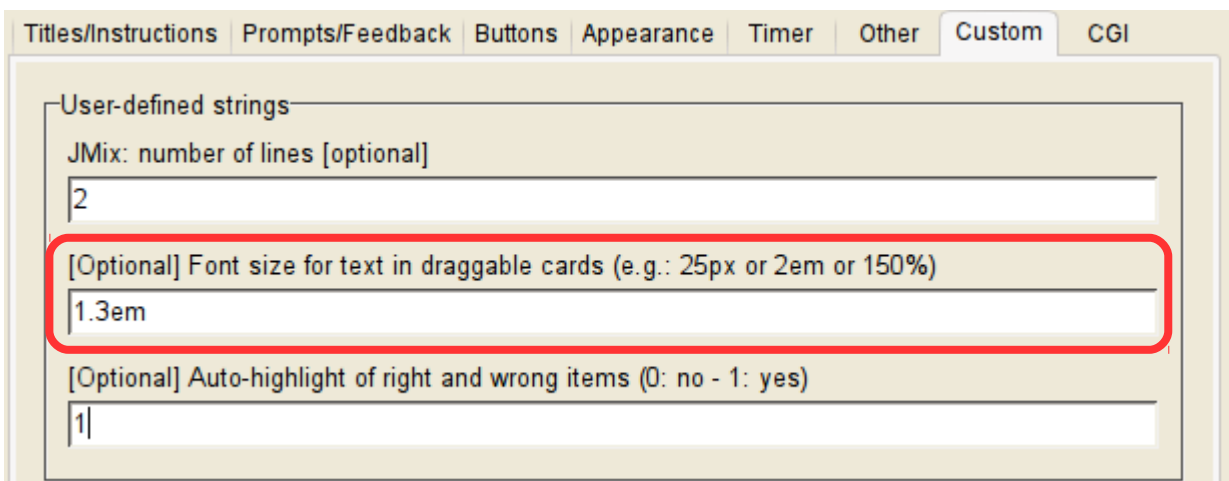


The screenshot shows the 'Appearance' configuration window. On the left is a preview of a page with a green navigation bar, a title, text, and two links labeled 'Link' and 'Visited'. On the right are color selection fields for various elements. A red box highlights the 'Correct items + Link colour' field (set to #008000) and the 'Incorrect items + visited links' field (set to #ff0000). Other fields include Navigation bar colour (#008000), Page background colour (#FFFFFF), Title colour (#000000), Exercise background colour (#F7F7F7), and Text colour (#000000). A vertical 'COLORS' bar is on the far right.



VI How to use a different font size for text in draggable items?

Options>Configuration output>Custom:



The screenshot shows the 'Custom' configuration window. The 'User-defined strings' section is visible. The 'Font size for text in draggable cards (e.g.: 25px or 2em or 150%)' field is highlighted with a red box and contains the value '1.3em'. Other fields include 'JMIX: number of lines [optional]' (set to 2) and '[Optional] Auto-highlight of right and wrong items (0: no - 1: yes)' (set to 1).

- You need to **specify the unit** (px, em or %). For example, if you want a value in px, type "100px", don't type "100".
- If you keep the box empty the default font size will be the one defined in hp7.cs_ (search for div.CardStyle).

VII How to enable Practice mode and Test mode?

Options>Configuration output>Custom:

Titles/Instructions Prompts/Feedback Buttons Appearance Timer Other Custom CGI

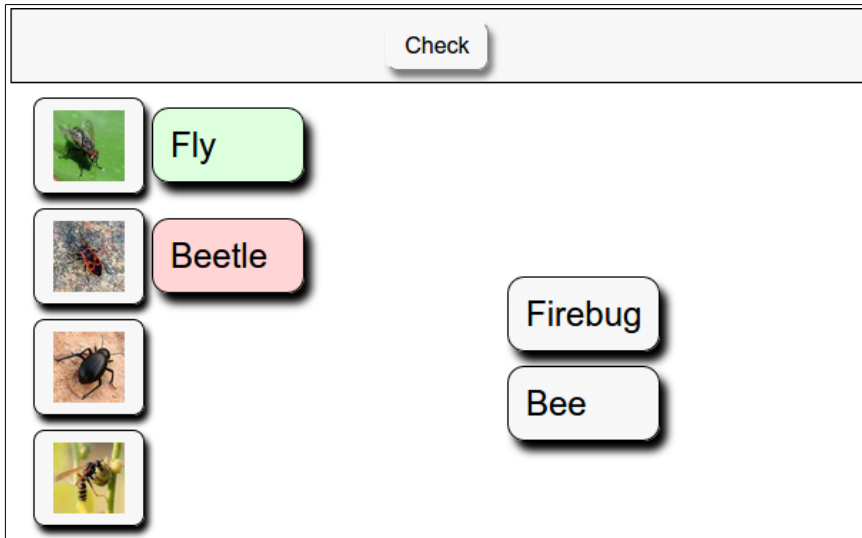
User-defined strings

JMix: number of lines [optional]
2

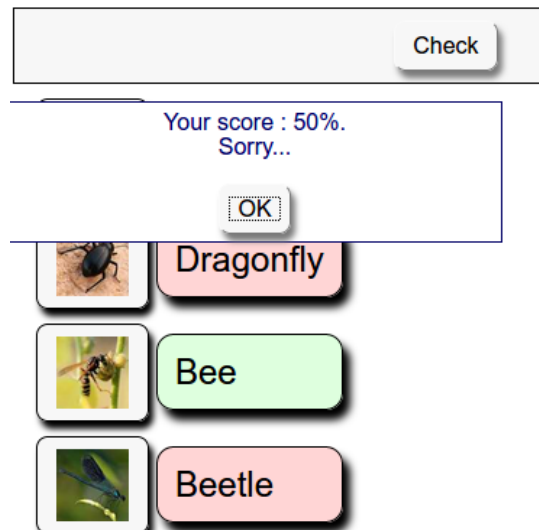
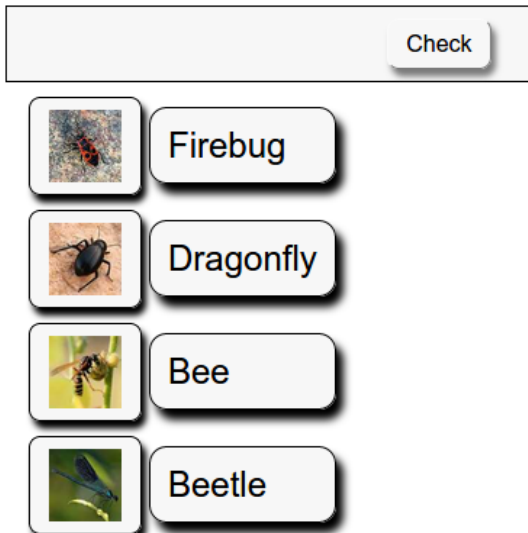
[Optional] Font size for text in draggable cards (e.g.: 25px or 2em or 150%)
1.3em

[Optional] Auto-highlight of right and wrong items (0: no - 1: yes)
1

- Type "1" to enable the **Practice mode**: in Practice mode the items are automatically highlighted as soon as they are dropped, using the defined colors (see p 5).



- If **empty** or if you type "0" the default mode is **Test mode**. Answers will be highlighted after validation.



VIII How to define the width of the reading text container?

If you use a reading text (it's now available in HP7, even in JMatch drag and drop, thanks to Martin) you can easily choose the width of the reading text container.

Options>Configuration output>Custom:

```
Code for insertion into <head> tag
<style>
div.ReadingContainer{flex-grow: 20;}
div.ExerciseContainer{flex-grow: 80;}
</style>
```

The logic is:

- width of {ReadingContainer + ExerciseContainer}: 20 + 80 =100
- width of ReadingContainer: 20/100 (20%)
- width of ExerciseContainer: 80/100 (80%)

So if you want the width of the reading text container to be 40% of the width of the page, use 40 for ReadingContainer and 60 (=100-40) for ExerciseContainer. So type:

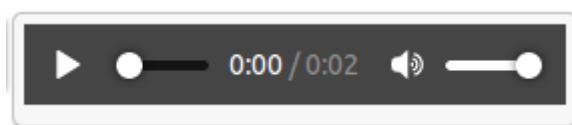
```
<style>
div.ReadingContainer{flex-grow: 40;}
div.ExerciseContainer{flex-grow: 60;}
</style>
```


```
Code for insertion into <head> tag
<style>
div.ReadingContainer{flex-grow: 40;}
div.ExerciseContainer{flex-grow: 60;}
</style>
```

If empty, the widths will be 50% for ReadingContainer and 50% for ExerciseContainer.

IX How to have a mini audio button?

With Hot Potatoes v7, via "Insert> Insert a media object", you can insert a classic HTML5 audio player:



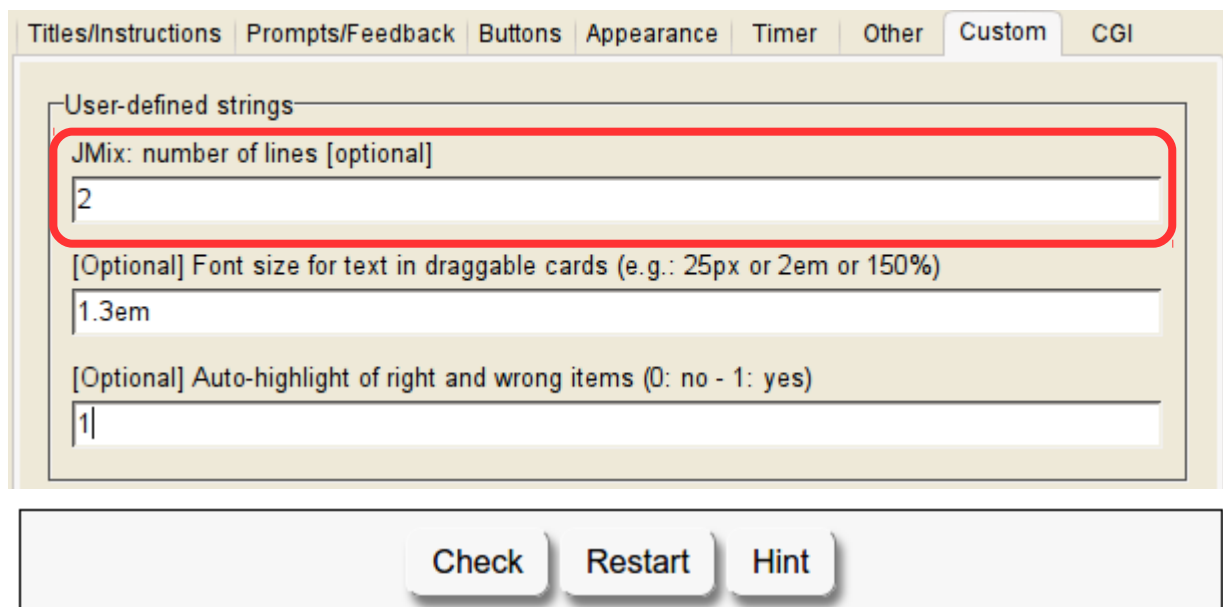
You can also use the HTML5 audio player button created for my JMatch add-ons: 

See audio_tutorial_4.pdf in the tutorials folder that you got when you unzipped HP7+_101.zip.

X JMix7+ drag and drop

1- How to define the number of lines in JMix drag and drop?

Options>Configuration output>Custom:



Titles/Instructions Prompts/Feedback Buttons Appearance Timer Other Custom CGI

User-defined strings

JMix: number of lines [optional]
2

[Optional] Font size for text in draggable cards (e.g.: 25px or 2em or 150%)
1.3em

[Optional] Auto-highlight of right and wrong items (0: no - 1: yes)
1

Check Restart Hint



If no value is entered, the default value will be used (3 lines).

2- Display after check or hint

I've modified the code in `djmix7.js_` (see line 354) so that when you check or ask for a hint, only the correct beginning part of the sentence stays and is rearranged at the beginning of the first line. The incorrect part of the sentence is sent back.