

Enlarge an image in a popup window with Javascript

Examples

- [JQuiz with popup images](#)
- [JMatch with popup images \(1\)](#)
- [JMatch with popup images \(2\)](#)
- [JMH with popup images](#)

[Download the examples](#) (data files and htm files)

Build a new source file

ATTENTION

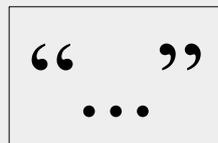
Quotes in the codes of this tutorial must be **regular quotes**.

Regular (straight) quotes are frequently converted to smart (curly) quotes in word processors and PDFs .

Regular quotes:



Smart quotes:



To avoid this, directly type code or copy-paste it in a plain text editor (such as Notepad, Gedit...) and then copy-paste it from the plain text editor into Hot Potatoes.

- If you want to use the Enlarge-image possibility with the original HP7, **create a custom source folder** (for example HP7_popupimg) and copy in it:
 - jcloze7.ht_
 - jmatch7.ht_
 - jcross7.ht_
 - jquiz7.ht_
 - jmix7.ht_
 - djmatch7.ht_
 - fjmatch7.ht_
 - djmix7.ht_
 from the original Hot Potatoes source folder.

Note: if you just want to use the possibility to enlarge images in JCloze and JQuiz, just copy jcloze7.ht_ and jquiz7.ht_ in the HP7_popupimg folder.
- If you already have a custom source folder (for example JMH) create a new one (for example JMH_popupimg) and copy all the file from source_JMH to JMH_popupimg.

- You must **modify each file with a ht_ extension** in your new custom source folders.
Open the file to modify (with a ht_ extension) in a text editor (Notepad++, gedit etc.).

There are two additions to do:

1- Search for `</style>`

```
<style>
[strStyleSheet]
</style>
```

Type a return character after the line `</style>`

Then add:

```
<!-- addition by AS for popup images -->
<link rel="stylesheet" href="popup_img.css">
<script src="popup_img.js"></script>
<!-- end of addition by AS -->
```

This is what you should see:

```
<style>
[strStyleSheet]
</style>

<!-- addition by AS for popup images -->
<link rel="stylesheet" href="popup_img.css">
<script src="popup_img.js"></script>
<!-- end of addition by AS -->
```

2- Search for `<body onload`

```
</head>
<body onload="TimerStartUp()" id="TheBody"
<!-- BeginTopNavButtons -->
```

Type a return character before the line `<!-- BeginTopNavButtons -->`

Then add, in the space between `<body onload... and <!-- BeginTopNavButtons -->`:

```
<!-- addition by AS for popup images-->
<div id="imgbox"></div>
<!-- end of addition by AS -->
```

This is what you should see:

```
</head>
<body onload="TimerStartUp()" id="TheBody"

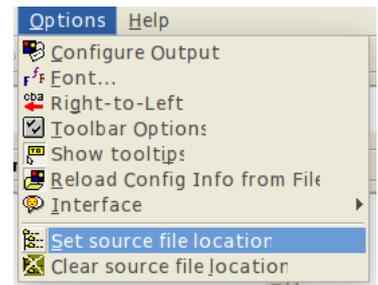
<!-- addition by AS for popup images-->
<div id="imgbox"></div>
<!-- end of addition by AS -->

<!-- BeginTopNavButtons -->
```

Don't forget to save the file.

Create the exercise

1. Choose the correct custom source folder for the exercise you want to create (*Shift + Control + ALT + S* or *Options>Set source file location*).



2. When creating your exercise, add your image using *Insert>Media Object*.



You will get this kind of html code (here for a centred image):

```

```

3. Add `onclick="Enlarge(this, [zoom factor], [position type], [pos x], [pos y])"` to the image tag (see Parameters of Enlarge function [below](#)).

For example:

```

```

4. Create the web page.
You need to **add `popup_img.css` and `popup_img.js` in your exercise folder**. You will find them in the [resources folder](#) or in the [demos.zip](#).

Parameters of Enlarge function

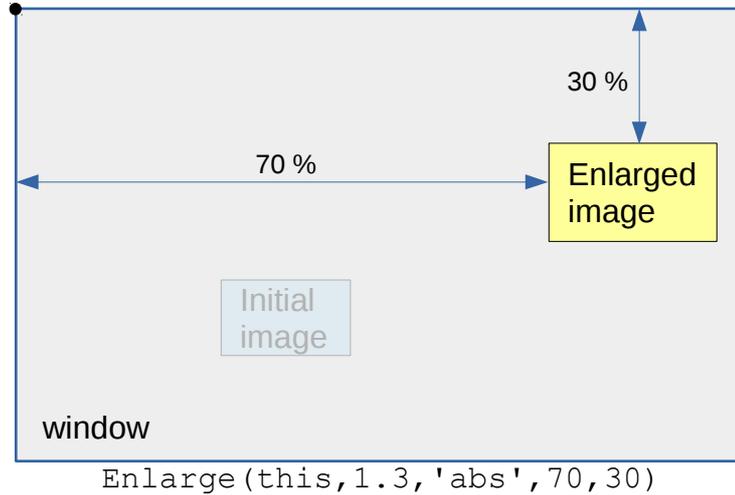
- [zoom factor]

For example the value 3 will lead you to an enlarged image 3 times larger and higher than the initial image.

- [position type], [pos x], [pos y]

For [position type] you can choose:

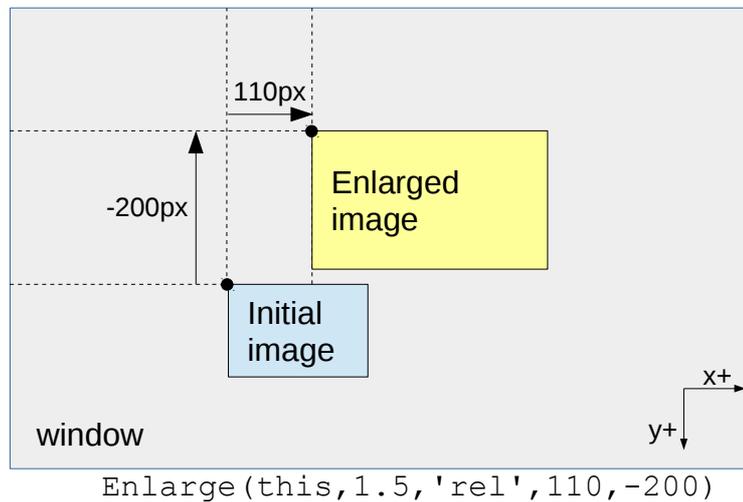
- ▶ **'abs'** (don't forget the single quotes): the position of the enlarged image in the window. Then the values of [pos x] and [pos y] will be **percentages** of the window width and height.



Example: [JM enlarge js popup abs.htm](#).

- ▶ **'rel'** (don't forget the single quotes): the position of the enlarged image relatively to the top left of the initial image.

Then the values of [pos x] and [pos y] will be the horizontal and vertical **offsets, in px**.



Example: [JM enlarge js popup rel.htm](#).