

Virtual pagination (VP)

This tutorial complements the tutorials of the main add-ons.

You can download the main tutorials [here](#).

What is Virtual pagination?

[Virtual Pagination](#) lets you transform long content on your page into a series of virtual pages, browseable via pagination links **1** **2** **3** **4** **5** .

In Hot Potatoes you can use Virtual pagination:

- in the reading text for all the applications (except the Masher), including the add-ons (except JMem).
[Example 1](#)
- in the exercise text for JCloze, including the add-ons (except F1b).
[Example 2](#).

How to use Virtual pagination when creating an exercise?

To use Virtual pagination you need:

- to have **virtualpaginate.js** and **virtualpagination.css** in your exercise folder. You will find them in the resources folder.
- to use the correct source file location (source_XXX_VP folder).
- to put each chunk of text between:
 - * `<div class="virtualpage">` and `</div>` for text in the **exercise container**.
 - * `<div class="virtualpage_rt">` and `</div>` for text in the **reading container**.

See the data files in [demos_VP.zip](#)

Note: **don't insert a carriage return** between the divs, otherwise the parts will be shifted down a line when clicking on a pagination link.

For example, don't write:

```
<div class="virtualpage">text of part1</div>
<div class="virtualpage">text of part2</div>
```

but:

```
<div class="virtualpage">text of part1</div><div class="virtualpage">text of part2</div>
```

How to style the pagination links?

1- Colors

Colors are defined in **virtualpagination.css**.

Open **virtualpagination.css** with a text editor (Notepad++, Gedit etc. Don't use MS Word or Libreoffice Writer).

Search for `paginationstyle a{ /*Pagination links style*/` and `.paginationstyle .flatview`

```
.paginationstyle a{ /*Pagination links style*/  
padding: 0 5px;  
text-decoration: none;  
border: 1px solid black;  
color: navy;  
background-color: white;  
}
```



```
.paginationstyle .flatview a:hover, .paginationstyle .flatview  
a.selected{ /*Pagination div "flatview" links style*/  
color: #000;  
background-color: yellow;  
}
```

You can modify the colors, for example (I know the result is ugly but that's a pedagogical approach!):

```
.paginationstyle a{ /*Pagination links style*/  
padding: 0 5px;  
text-decoration: none;  
border: 1px solid red;  
color: blue;  
background-color: pink;  
}
```



```
.paginationstyle .flatview a:hover, .paginationstyle .flatview  
a.selected{ /*Pagination div "flatview" links style*/  
color: LawnGreen;  
background-color: Violet;  
}
```

You can find the names or the HTML hexadecimal codes for colors on [wikipedia](https://en.wikipedia.org/wiki/List_of_colors) .

Don't forget to save the modified files.

2- Text

Open **virtualpaginate.js** with a text editor (Notepad++, Gedit etc. Don't use MS Word or Libreoffice Writer).

Search for `flatviewhtml+=` and modify the line:

```
flatviewhtml+='<a href="#flatview" rel="'+i+'">'+(i+1)+'</a> ' //build sequential pagination links
```

To get **Q1** **Q2** :

```
flatviewhtml+='<a href="#flatview" rel="'+i+'">'+Q+''+(i+1)+'</a> ' //build sequential pagination links
```

To get **page1** **page2** :

```
flatviewhtml+='<a href="#flatview" rel="'+i+'">'+page+''+(i+1)+'</a> ' //build sequential pagination links
```

Don't forget to save the modified files.