

Create an image-map with Gimp (for JMatchMap)

You can download Gimp [here](#). After installation, load Gimp.

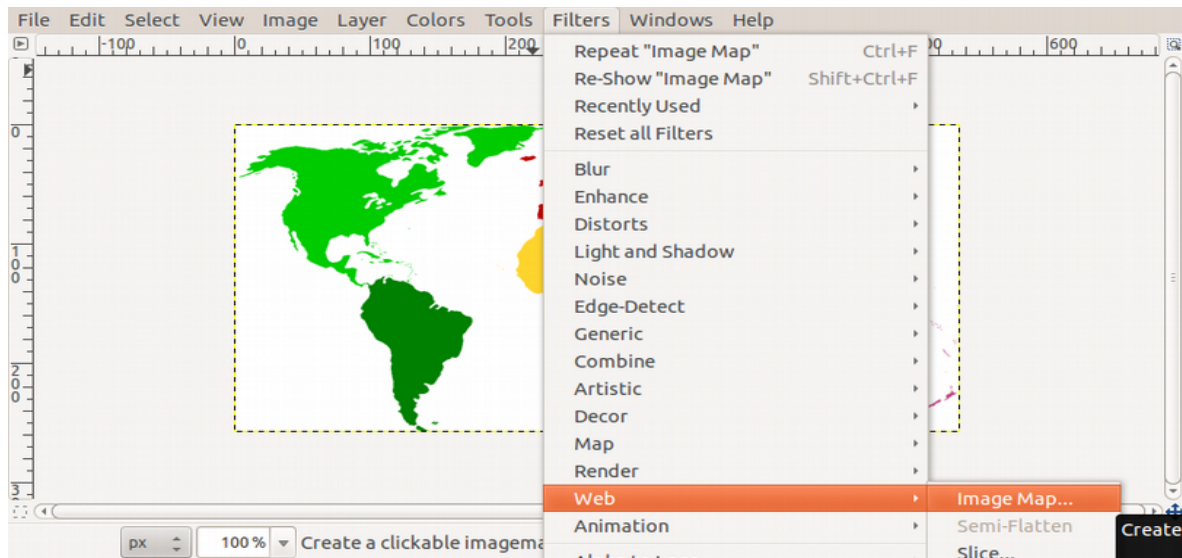
The example refers to the "continents.png" image in the "demos_JMM" folder.

Open the image to map with Gimp

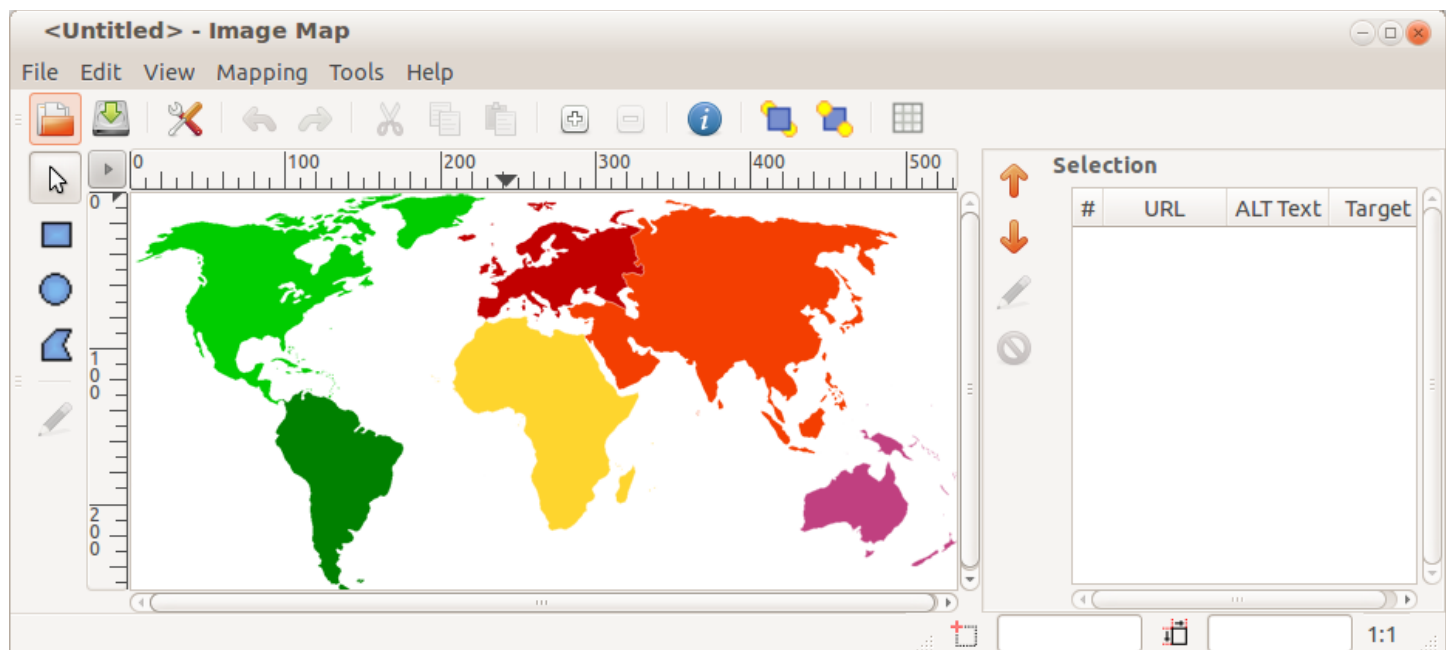
In our example, the image to map is continents.png.

Open The Image Map Editor In GIMP

Use **Filters** → **Web** → **Imagemap**.



This should bring up the image map editor.



You will then be able to draw different shapes on the image and Gimp will calculate and save the coordinates (in relation to the image boundaries) of these shapes.

Start Mapping

Choose a shape

On the left select the **rectangular or circular shape**.

Don't use the polygon shape as JMatchMap will not be able to use it.

Note that using circular shapes is an easy way to point the exact center of the shape which is the only useful data for JMatchMap.



Draw a shape

This is quite intuitive : click on the image, move the pointer, and click again.

Don't worry about the dimensions of the shape as JMatchMap will only take care of the center of the shape. Just avoid to create overlapping areas.

As you finish each shape, a pop up appears for you to fill in.

Area #1 Settings


☒ Link ☐ Circle ☐ JavaScript

Link Type

☒ Web Site ☐ Ftp Site ☐ Gopher ☐ Other

☐ File ☐ WAIS ☐ Telnet ☐ e-mail

URL to activate when this area is clicked: (required)



☒ Relative link

Target frame name/ID: (optional - used for FRAMES only)


ALT text: (optional)

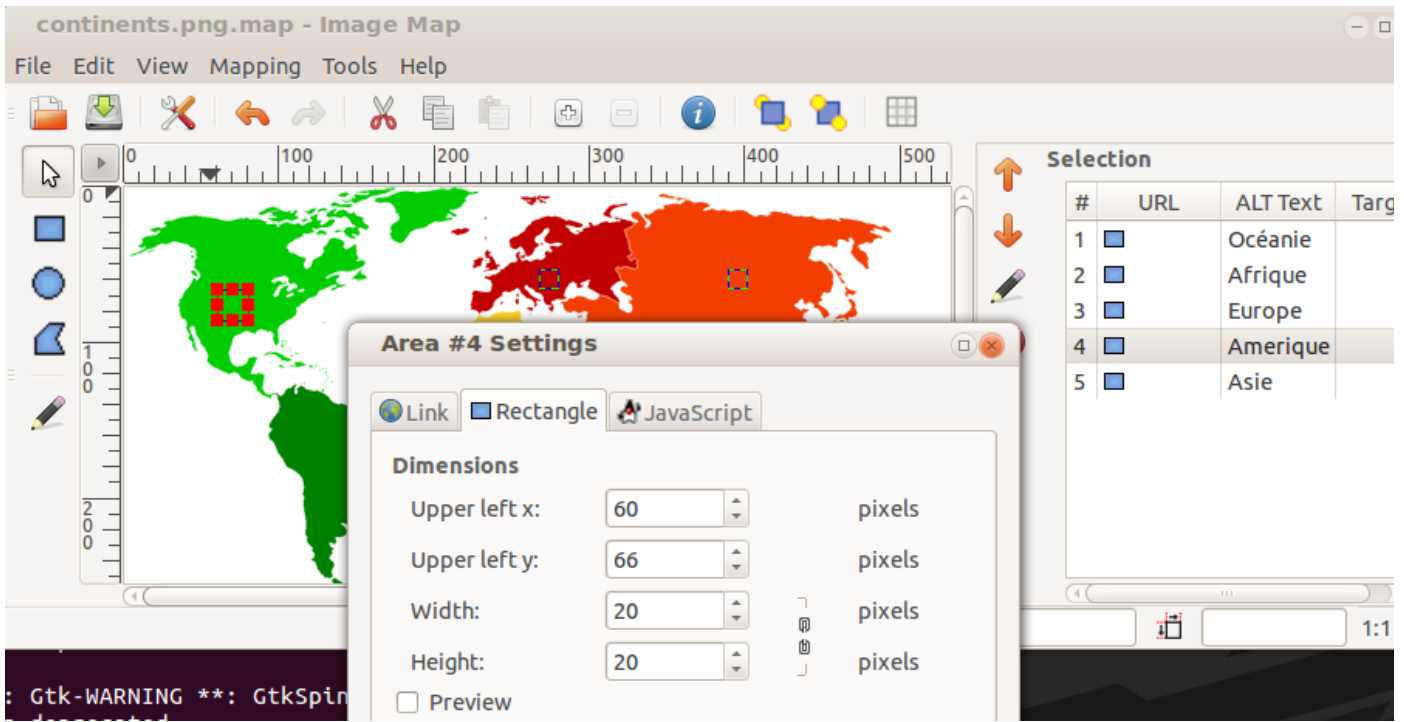
Help Apply Cancel OK

You just need to **fill ALT text** : it's optional but very useful when you build your JMatchMap exercise.

Edit the image-map data

On the right of the working area is a display area, as a property list of the created areas. A click on one item of the list selects automatically the corresponding shape in the working area.

You can adjust the position of an area using  (above the shapes on the left) or change the values of "Upper left x" and "Upper left y".

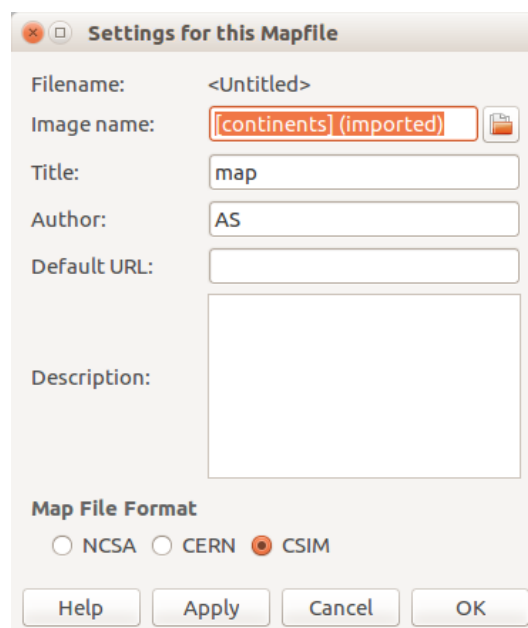


Edit map info

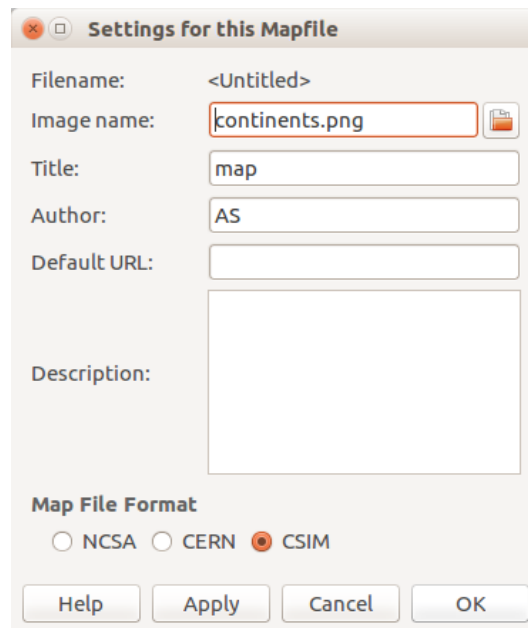
Gimp (since version >2.8) transforms the name of your image ("continents.png") in "[continents] (imported)".

To get the correct name in the code you must change this.

Mapping → Edit Map Info:



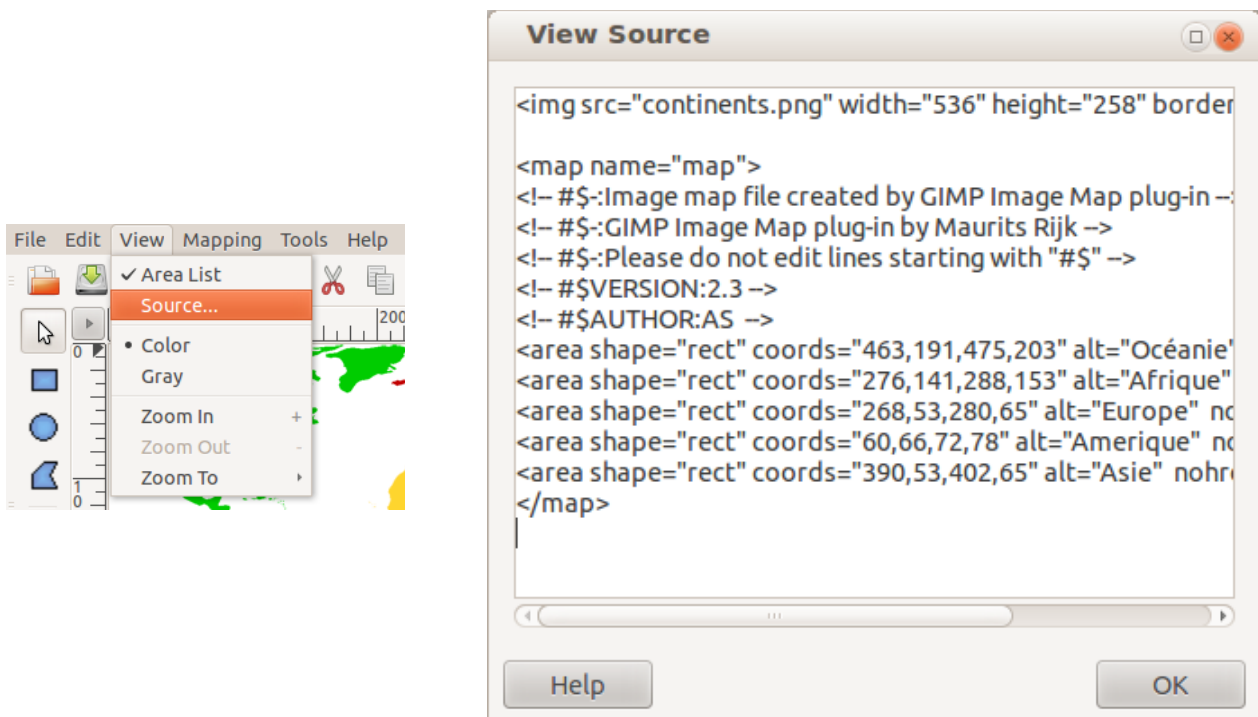
Type "continents.png" for image name.



Get the code

After all of the designing is done, what you need in the end is the code.

Just go to **View** → **Source** and you will see the source code.



This is the text that is needed when building your JMatchMap exercise. Save the file (*File* → *Save*) which will have a map extension (by default it will be "[continents] (imported).map" that you can change in "continents.png.map").

Note that if you want to modify the created image map later you will have to open the image (continents.png), open the image map editor (*Filters* → *Web* → *Imagemap*) and load the previously saved "continents.png.map" (*File* → *Open* in the image map editor).

Note : you can delete some useless parts of the text :

```


<map name="map">
<!-- ## :Image map file created by GIMP Image Map plug-in -->
<!-- ## :GIMP Image Map plug-in by Maurits Rijk -->
<!-- ## :Please do not edit lines starting with "##" -->
<!-- ##$VERSION:2.3 -->
<!-- ##$AUTHOR:AS -->
<area shape="rect" coords="463,191,475,203" alt="Océanie" nohref="nohref"/>>
<area shape="rect" coords="276,141,288,153" alt="Afrique" nohref="nohref"/>>
<area shape="rect" coords="268,53,280,65" alt="Europe" nohref="nohref"/>>
<area shape="rect" coords="60,66,72,78" alt="Amerique" nohref="nohref"/>>
<area shape="rect" coords="390,53,402,65" alt="Asie" nohref="nohref"/>>
</map>
```

the cleared text will be :

```

<map name="map">
<area shape="rect" coords="463,191,475,203" alt="Océanie"/>
<area shape="rect" coords="276,141,288,153" alt="Afrique"/>
<area shape="rect" coords="268,53,280,65" alt="Europe"/>
<area shape="rect" coords="60,66,72,78" alt="Amerique"/>
<area shape="rect" coords="390,53,402,65" alt="Asie"/>
</map>
```

[Download Gimp](#)

[Gimp documentation](#)

[Gimp \(current version\) documentation for image map](#)

Create an image map online (for JMatchMap)

There is a lot of web sites where you can create an image map.

Choose one which offers to add a title or alt for the areas. This will help you to create the exercise.

Most of the time you will have to modify the code that you get from these sites.

Here is an example obtained on mobilefish.com :

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<title>Image map</title>
<!--
How to install the image map:
Copy and paste the img, map and area blocks into the body of your page.

This imagemap is created at Mobilefish.com.
https://www.mobilefish.com/services/image_map/image_map.php
-->
</head>
<body>

<!-- START COPY -->

<map id="gd79569" name="gd79569">
<!-- Region 1 -->
<area shape="rect" alt="America" title="America" coords="54,39,89,62"
href="javascript:void(null);" target="_blank" />
<!-- Region 2 -->
<area shape="rect" alt="Africa" title="Africa" coords="236,102,284,126"
href="javascript:void(null);" target="_blank" />
<!-- Region 3 -->
<area shape="rect" alt="Europe" title="Europe" coords="284,38,309,52"
href="javascript:void(null);" target="_blank" />
<!-- Region 4 -->
<area shape="rect" alt="Asia" title="Asia" coords="361,46,412,73"
href="javascript:void(null);" target="_blank" />
<area shape="default" nohref alt="" />
</map>
<!-- END COPY -->
</body>
</html>
```

The important parts are :

gd79569.png change it with the name of your image in your exercise folder.

gd79569 you can leave it as it is or use any name you want (e.g. "map")

<area shape="rect" : leave them as they are.

Lots of parts are useless.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<title>Image map</title>
<!--
How to install the image map:
Copy and paste the img, map and area blocks into the body of your page.
-->
This imagemap is created at Mobilefish.com.
https://www.mobilefish.com/services/image_map/image_map.php
-->
</head>
<body>
--
<!-- START COPY -->

<map id="gd79569" name="gd79569">
<!-- Region 1 -->
<area shape="rect" alt="America" title="America" coords="54,39,89,62"
href="javascript:void(null);" target="_blank" />
<!-- Region 2 -->
<area shape="rect" alt="Africa" title="Africa" coords="236,102,284,126"
href="javascript:void(null);" target="_blank" />
<!-- Region 3 -->
<area shape="rect" alt="Europe" title="Europe" coords="284,38,309,52"
href="javascript:void(null);" target="_blank" />
<!-- Region 4 -->
<area shape="rect" alt="Asia" title="Asia" coords="361,46,412,73"
href="javascript:void(null);" target="_blank" />
<area shape="default" nohref alt="" />
</map>
<!-- END COPY -->
</body>
</html>
```

So the code could be reduced to :

```

<map id="map" name="map">
<area shape="rect" alt="America" coords="54,39,89,62" />
<area shape="rect" alt="Africa" coords="236,102,284,126" />
<area shape="rect" alt="Europe" coords="284,38,309,52" />
<area shape="rect" alt="Asia" title="Asia" coords="361,46,412,73" />
</map>
```