WEB CARTOGRAPHY

IMAGE MAP

2017

Themes:

- **Image map:**
  - **definition,**
  - **tags,**
  - **making and**
  - **use**

- **Image map editors: Online Image Map Editors, software (EasyHTML)**

- **HTML online editors: CKEditor & others**

IMAGE MAP

A raster file (image) with areas delimited using different shapes and these areas count with links to external files or websites.

An image-map is an image with clickable areas

References or links – to other part (tag) of the current html file, to other html file, to other file (image, sound, video) or to a website,

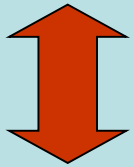
IMAGE MAP

Types:

- Server Side Image Maps
  - NCSA – National Center for Supercomputing Applications (University of Illinois)
  - CERN – European Laboratory for Particle Physics / The birthplace of Web
- CSIM – Client Side Image Maps

IMAGE MAP

NCSA or CERN – Image map is saved as a separate file (.map)



CSIM – A series of HTML tags, which are saved in the same file used to programme our homepage

For making an image map we need:

- A raster file (image)
- A „special” IMG tag including usemap attribute
- and data on coordinates of defined areas and links (MAP, AREA)

IMAGE MAP

Image map tags:

- <MAP> : Definition of a client-side image map giving a name attribute used to identify the image file within our html file. It always contains at least one <AREA> element.

- <AREA> : It defines the clickable areas in the image map and the links to be activated when clicking

The image map tags are used together with the <IMG> *or the* <OBJECT> *tags (I use <IMG>…)*

IMAGE MAP

Using the **<MAP>** tag:

<MAP name=”*image nickname*”>

The „image nickname” is not the name and extension of the „real” image file

It is a simple and abbreviated name to be used within the HTML file, to substitute the real file name

IMAGE MAP

Using the **<AREA>** element:

<AREA href=”webaddress or file**” alt=”**description**”**
shape=”rect” coords=”X1,Y1,X2,Y2”>

Parameters:

href – reference to the website or file (image, html, text etc) to open when clicking on this area
alt – short description of the reference
shape – shape of the delimited area
coords – coordinates of the shape

IMAGE MAP

The **shape** attribute can be:

- **default**
- **rect**
- **circle**
- **poly**

•***SHAPE=DEFAULT*** *This is a required entry in a client side map. Since you will end up with space that has no action associated with it, this line is usually set to the document containing the map. In this way, it is like a do nothing command.*

The **coords** attribute can be:

- **rect**: coordinates of the top left and bottom right corner point
- **circle**: coordinates of the center (X,Y) + radius
- **poly**: sequence of coordinates (X1,Y1,X2,Y2,..., XN, YN)

IMAGE MAP

The top left corner of the image is used as origin (0,0) to determine the coordinates

To display the image map, you need to define an IMG command as follows:

<IMG src=„where is the image file**"**
align=left,right,etc **border=**0 **width=**Xpixels
height=Xpixels **usemap="#**nickname**" ISMAP**
alt=„short description**">**

IMAGE MAP Example:

```
<IMG src="../images/icomp100.gif"  align=right border=0 width=100
height=100 usemap="#ic100" ISMAP alt="Where does you wish to
browser over?">

<MAP NAME="ic100">
        <AREA SHAPE=POLY   ALT=„Next topic"
        COORDS="49,0,37,0,25,4,14,13,50,49,85,13,74,4,60,0,49,0"
        HREF="../alap2/alap2-1.htm">
        <AREA SHAPE=POLY   ALT=„Next page"
        COORDS="99,49,99,41,97,31,91,20,84,14,50,50,84,85,91,78,9
        8,65,99,57,99,48,99,49" HREF="../alap1/alap1-2.htm">
        <AREA SHAPE=POLY  ALT=„Starting page"
        COORDS="50,99,61,99,72,95,81,89,84,86,50,50,14,85,22,92,3
        2,97,43,99,50,99" HREF="../menualap.htm" >
        <AREA SHAPE=POLY  ALT=„Previous page"
        COORDS="0,49,0,58,3,69,8,78,14,85,50,50,14,14,7,23,2,32,0,4
        2,0,49" HREF="../menualap.htm" >
        <AREA SHAPE=default HREF="../images/">
</MAP>
```

IMAGE MAP

Earlier, „most traditional” use in web-based cartography

More detailed presentation of an overview map
(e.g.: Tátra)

Today this use is obsolete, because at present we can obtain a better result (better quality, interactive solution in vector format) if we use the SWF (Flash, coming obsolete too) or SVG format when saving /HTML5/.

IMAGE MAP

What can be the current use of image maps in web cartography?

For completing the content of a map using multimedial materials

Task: making an image map for a website

BOUTELL.COM
PURVEYORS OF QUALITY WEB RESOURCES SINCE 1993

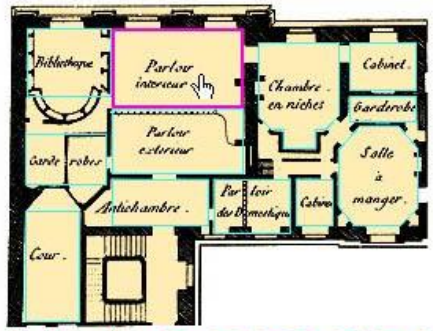
Need more help? Have us do it!
Boutell.Com Consulting Services

- Home
- Products
- Mapedit
  - Download
  - Register
  - News
  - FAQ
  - Screenshot
  - Registered Area
- Open Source
- Merchant Accounts
- Web Tech
- Online Store
- Fun
- Activism
- Philadelphia
- Advertising
- Search
- Privacy
- About Us
- Consulting
- Contact

Link To This | Tell A Friend About This | Format for Printing

Home > Products > Mapedit

Mapedit



MAPEDIT

- Download
- Register
- News
- Documentation
- Screenshot
- Registered Area

The Best Imagemap Editor Ever:

Just $15!

High-quality World and United States imagemaps included in registration!

Mapedit is an imagemap-editing program. Mapedit adds client-side imagemaps to web pages, simply by opening the page, selecting the image, and drawing rectangles, polygons and other shapes. There is no easier way to make an imagemap, and zoom support allows easy detail work on large images.

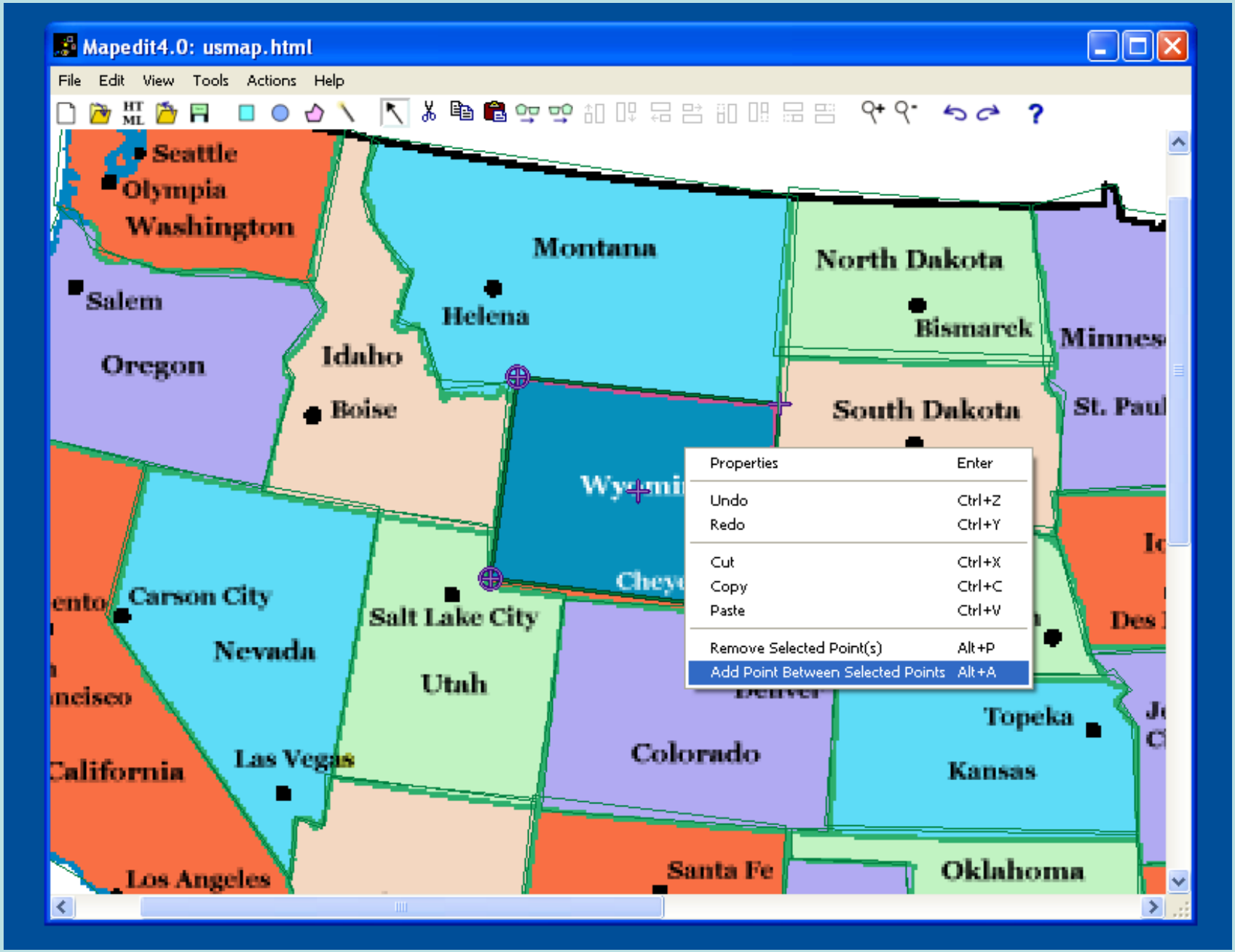
Frequently Asked Questions
Downloading
Mapedit News
NEW: Registered Area
Register NOW Online!
Year 2000 Compliance Statement

Contact Us

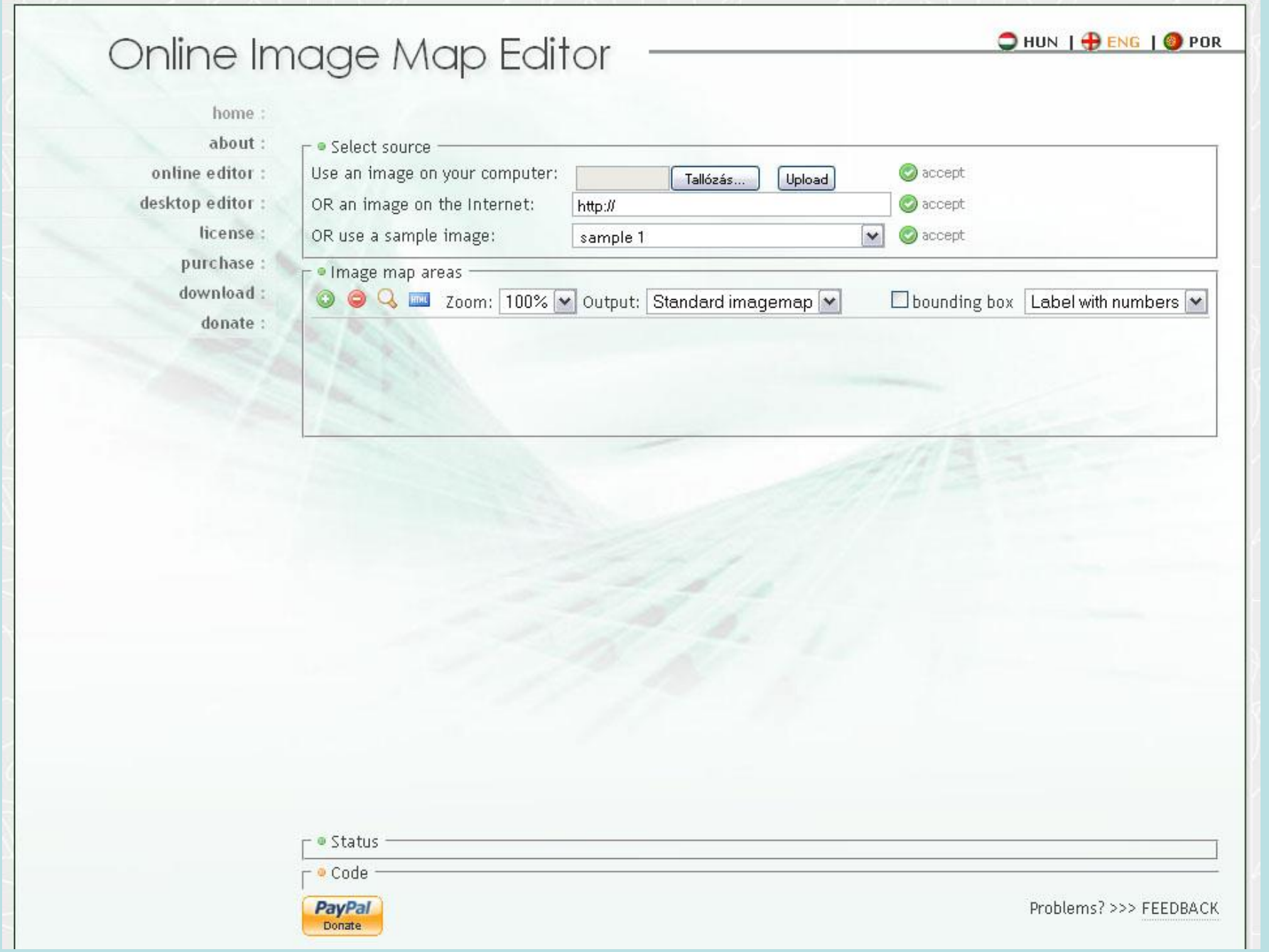
Copyright 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005,

Orion
Enterprise-class Network Monitoring at an Affordable Price

Monitor NetFlow, Routers, LAN, WAN
Virtual Memory

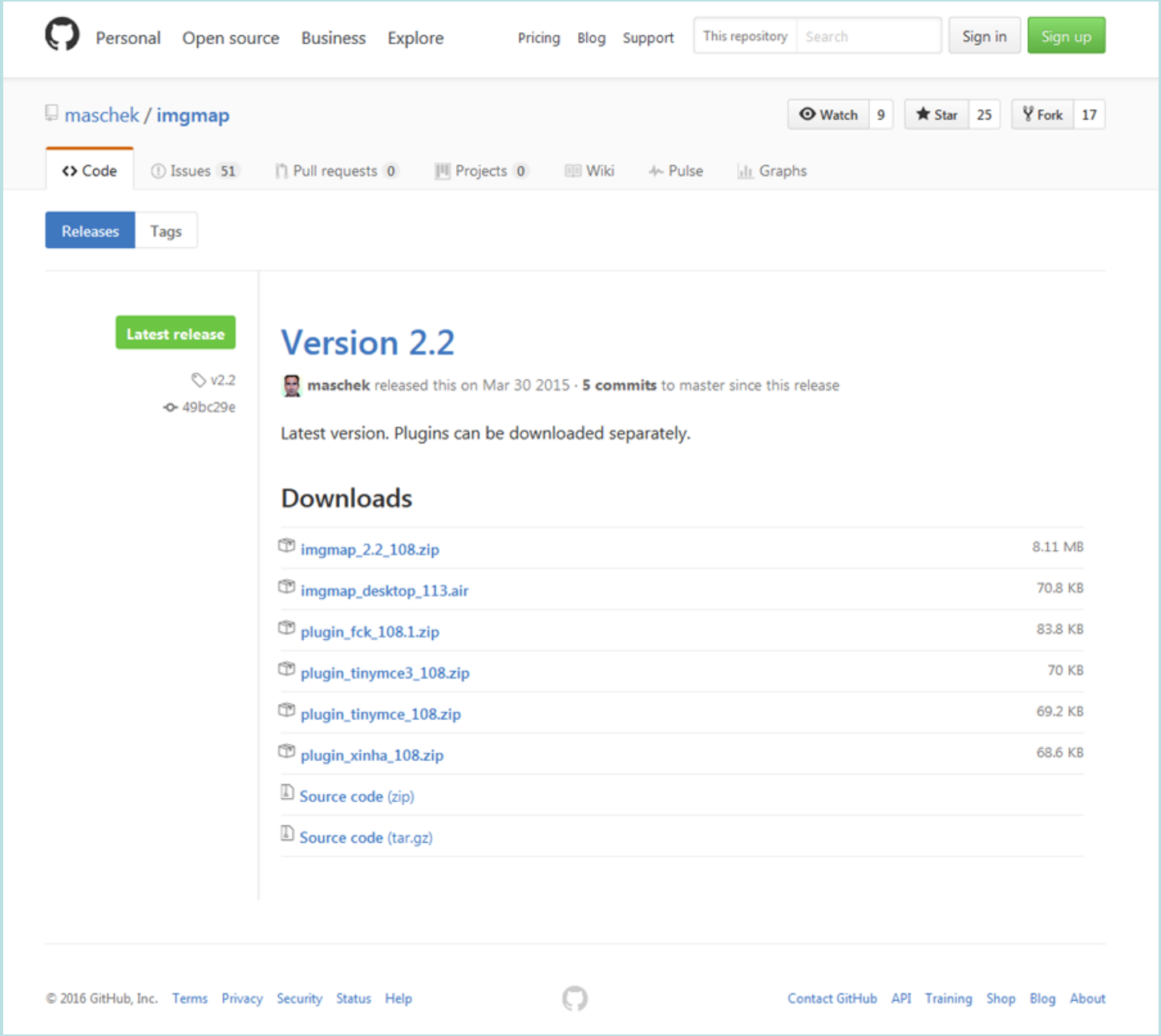

Mapedit4.0: usmap.html
File
Edit
View
Tools
Actions
Help
Seattle
Olympia
Washington
Salem
Oregon
Montana
Helena
Idaho
Boise
North Dakota
Bismarck
South Dakota
Minnes
St. Paul
Properties Enter
Undo Ctrl+Z
Redo Ctrl+Y
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Remove Selected Point(s) Alt+P
Add Point Between Selected Points Alt+A
Carson City
Nevada
Salt Lake City
Utah
Las Vegas
California
Colorado
Topeka
Kansas
Oklahoma
Santa Fe
Los Angeles

Mapedit

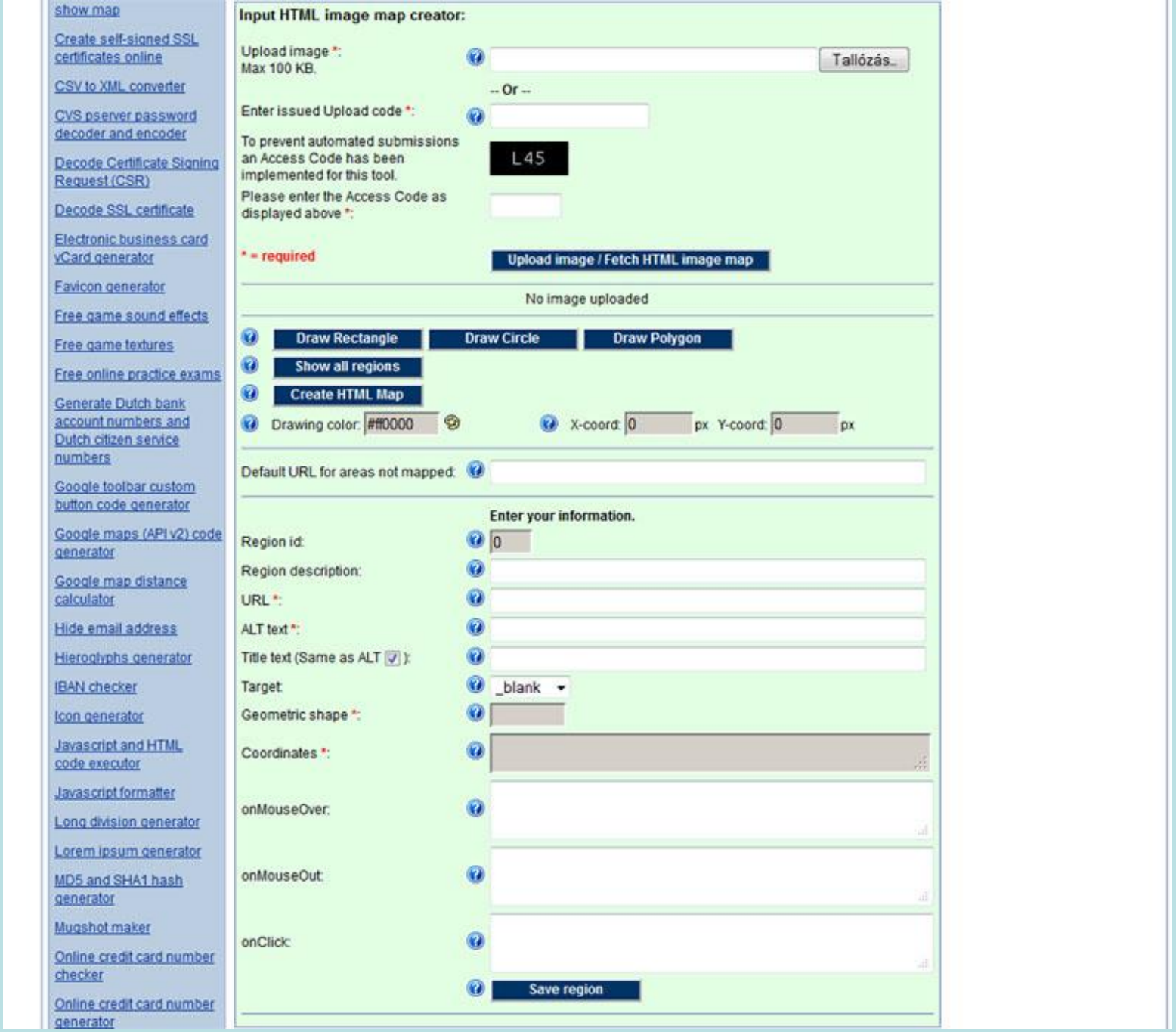


maschek.hu/imagemap/imgmap

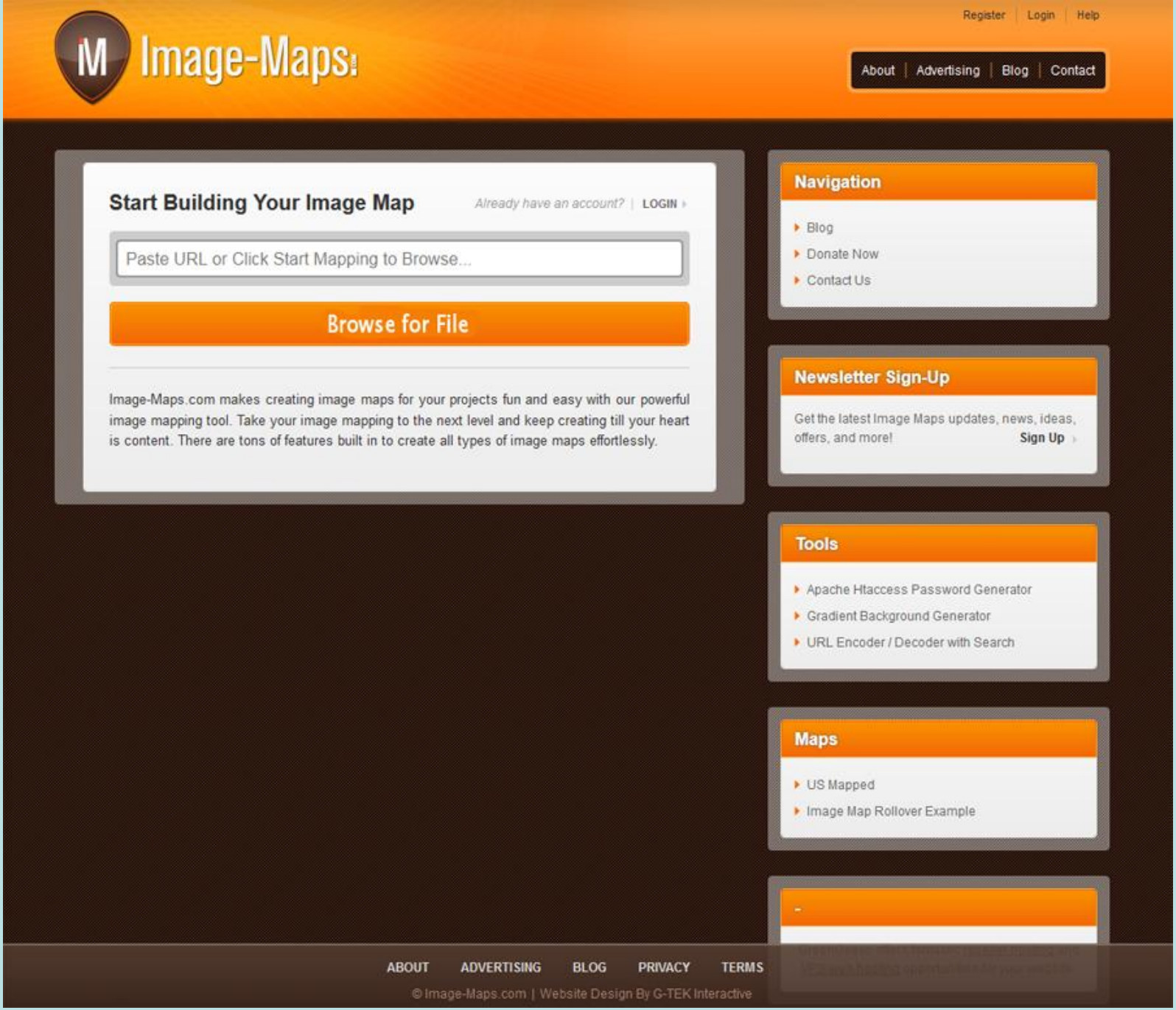
Desktop version



https://github.com/maschek/imgmap/releases/tag/v2.2

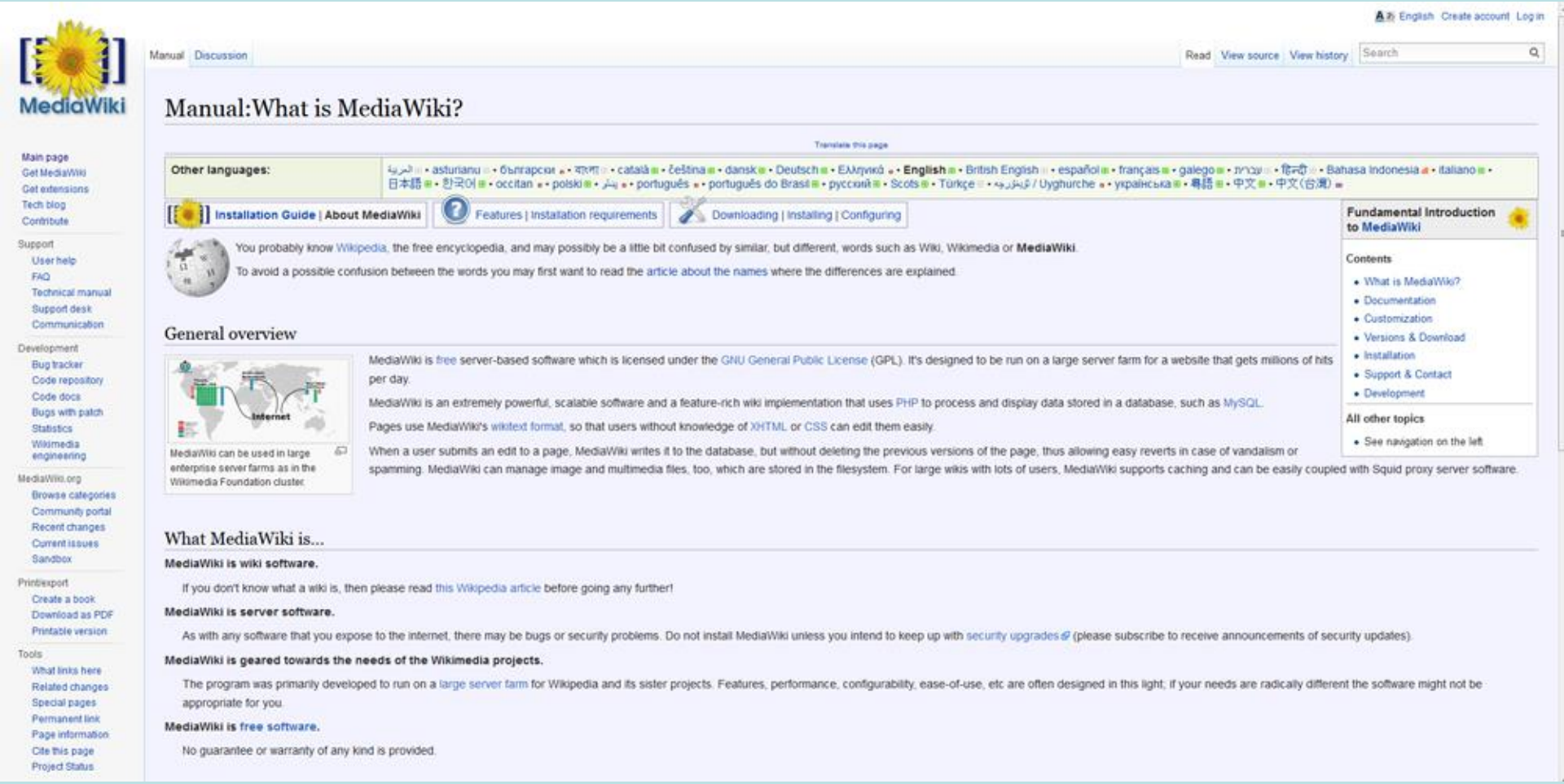


http://www.mobilefish.com/services/image_map/image_map.php

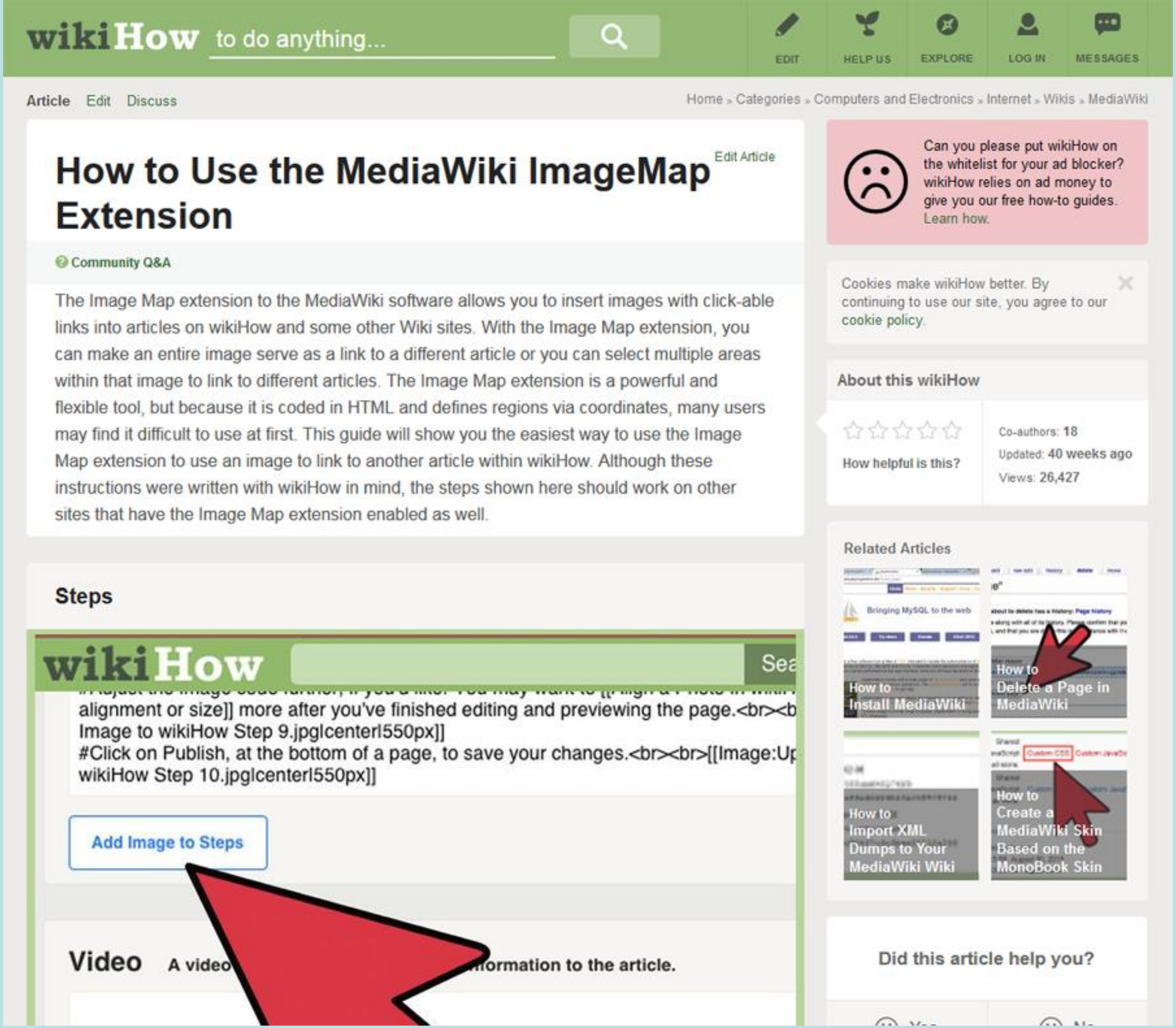


http://www.image-maps.com/

Wiki image map – Using MediaWiki Image Map extension (http://www.wikihow.com/Use-the-MediaWiki-ImageMap-Extension)



http://www.mediawiki.org/wiki/Manual:What_is_MediaWiki%3F



Wiki image map – (http://www.wikihow.com/Use-the-MediaWiki-ImageMap-Extension)

CKEDITOR ONLINE

Quackit HTML CSS Scripting Database

Online HTML Editor

← Online Editors Full Editor →

Forráskód

Stílus Formátum

Online HTML Editor

This is an online HTML editor. Try editing this text area - go on!

Here is some **sample bold text**.

> *Here is a blockquote... add some more text!*

Here is a checklist for a good online editor:

body

This online HTML editor enables you to create HTML snippets for your website, blog, or email newsletter.

Use the toolbar to format the HTML page. When you're ready to see the code, click the Source button.

Not enough buttons? Need a whole web page? Try the full editor.

HTML & CSS Reference

HTML Tags

Full list of all HTML elements.

This is an alphabetical list of HTML elements, linking to a full page of details for each element.

All elements are based on the official HTML5 specification, and include usage notes, full attribute list, as well as links to the various specifications for each element (i.e. HTML4 spec, HTML5 spec, WHATWG spec).

Search

1.3K

HTML Editors

Online HTML Editor
Full HTML Editor
CK Editor - Standard
CK Editor - Classic
TinyMCE Editor
HTML Scratchpad
Table Editor

HTML Generators

HTML Code Generator
HTML Table Generator
Marquee Generator
Music Code Generator
HTML Text Generator
Text Box Generator

HTML Reference

HTML Tags
HTML 4 Tags
HTML 5 Tags
HTML Codes
HTML Templates
HTML Editors
HTML Tutorial
Create a Website

http://www.quackit.com/html/online-html-editor/