Inkscape SVG workshop

Adam Hyde & Brianna Laugher
Alexandria, Wikimania 2008
Introduction:

Wikimedia Commons
http://commons.wikimedia.org/
Introduction:

FLOSS Manuals
http://en.flossmanuals.net/

Inkscape booksprint
http://en.flossmanuals.net/inkscape
Introduction:

Scalable
Vector
Graphics
Introduction:

Inkscape
http://www.inkscape.org/

(sudo apt-get install inkscape)
Educational publisher donated 16 boxes of illustrations to the Wikimedia Foundation (==>PD)

Scanning + image optimising = huge manual work!
Open Inkscape
File > Import...
File > Document Properties

Path > Trace Bitmap...
with Brightness cutoff 0.95
(see also Help > Tutorials > Tracing)

Delete PNG element
Create text elements

Create closed Bezier curve
Object > Fill and stroke
Colour white
Copy, Paste in place
Apply pattern fill – polka dots, large
Save as plain SVG

View in Firefox
Upload to Wikimedia Commons

Provide metadata!
(Can use DerivativeFX tool)

[[Category:Fluid dynamics]]
SVG Translate

http://toolserver.org/~nikola/svgtranslate.php
MediaWiki SVG rendering issues
Uploading a new version of a file

File history

Click on a date/time to view the file as it appeared at that time.

<table>
<thead>
<tr>
<th>(delete all)</th>
<th>Date/Time</th>
<th>User</th>
</tr>
</thead>
<tbody>
<tr>
<td>(current)</td>
<td>01:59, 12 September 2007</td>
<td>Username (Talk</td>
</tr>
</tbody>
</table>

- Upload a new version of this file
- Edit this file using an external application

(See the setup instructions for [http://commons.wikimedia.org/wiki/](http://commons.wikimedia.org/wiki/))
Purging image cache
Commons [[Special:Preferences]]:

Maintenance tools

- Check Usage: a replacement JavaScript CheckUsage, in case the main one fails.
- Image Boxes: (experimental) Image annotation boxes
- Thumbnail Purger: adds links in the toolbox for regenerating/purging thumbnails.

Toolbox:
- What links here
- Related changes
- Special pages
- Printable version
- Permanent link
- Nominate for deletion
- Generate thumbnail
- Purge page
What next?

Graphics Lab (Commons, Wikipedias)

Image requests

Documentation