

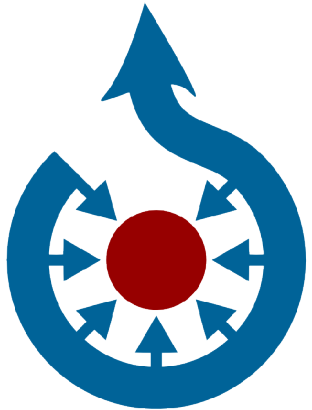


# Inkscape

## SVG

## workshop

Adam Hyde & Brianna Laughner  
Alexandria, Wikimania 2008

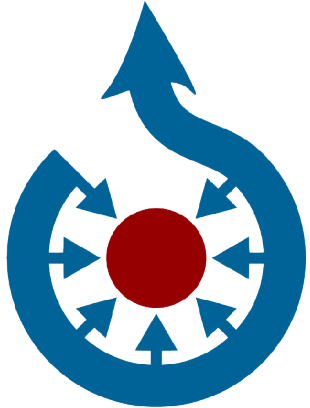


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# Introduction:

## Wikimedia Commons

<http://commons.wikimedia.org/>



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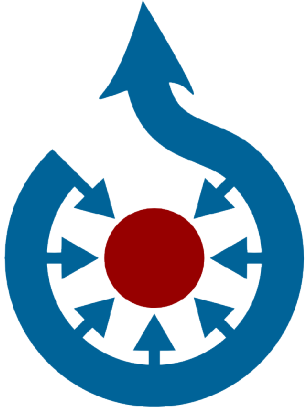
## Introduction:

### FLOSS Manuals

<http://en.flossmanuals.net/>

### Inkscape booksprint

<http://en.flossmanuals.net/inkscape>



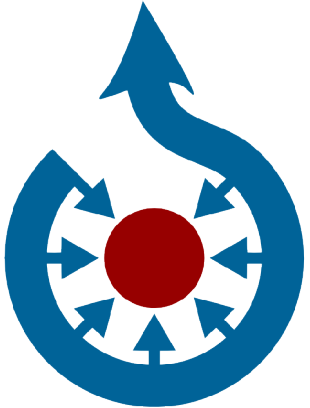
4

Introduction:

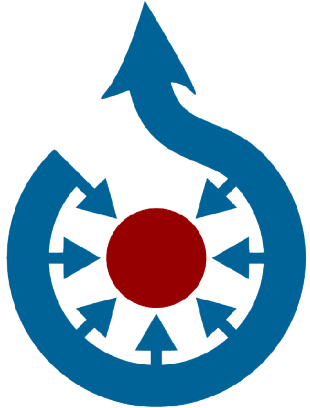
Scalable

Vector

Graphics



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# Introduction:

## Inkscape

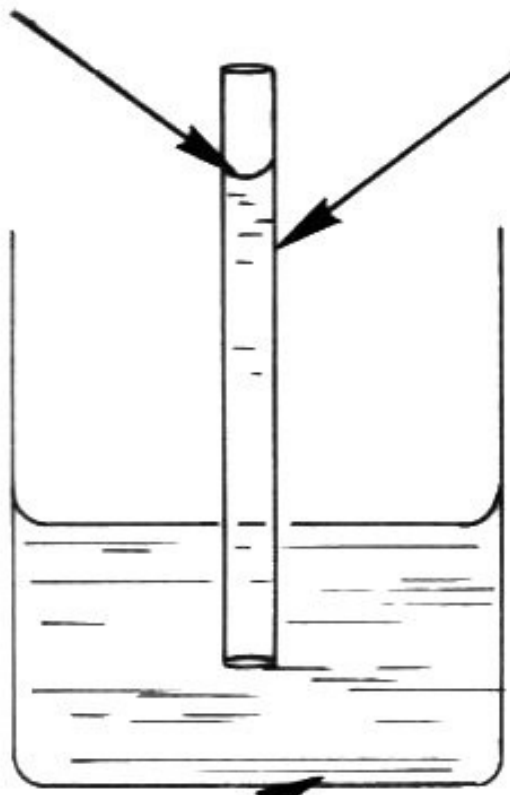
<http://www.inkscape.org/>

`(sudo apt-get install inkscape)`

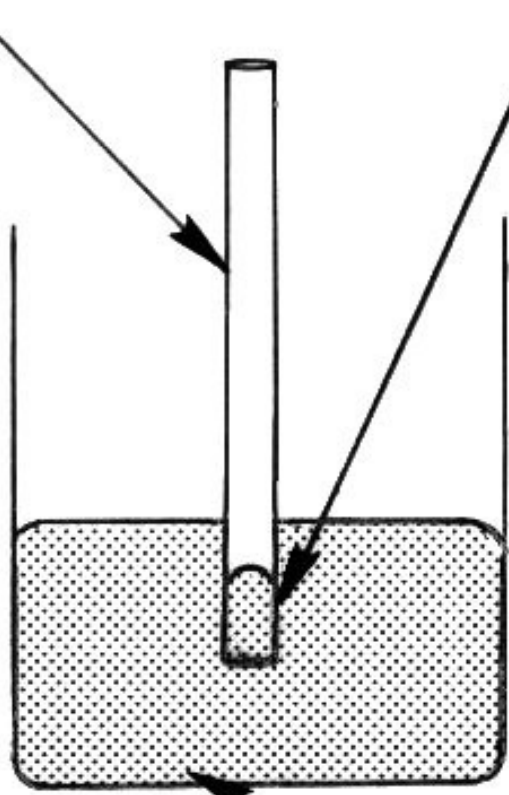
**CAPILLARY  
ATTRACTION**

CAPILLARY TUBES

**CAPILLARY  
REPULSION**



WATER



MERCURY

[[Image:Capillary Attraction Repulsion (PSF).jpg]]

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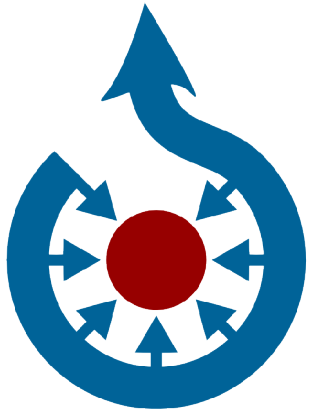
# [[Commons:Pearson Scott Foresman]]



Educational publisher donated 16 boxes of illustrations to the Wikimedia Foundation (=>PD)



Scanning + image optimising = huge manual work!



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Open Inkscape

File > Import...

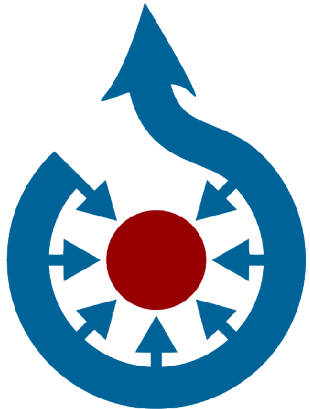
File > Document Properties

Path > Trace Bitmap...

with Brightness cutoff 0.95

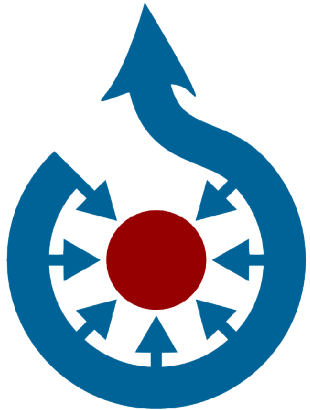
(see also Help > Tutorials > Tracing)

Delete PNG element





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Create text elements

Create closed Bezier curve

Object > Fill and stroke

Colour white

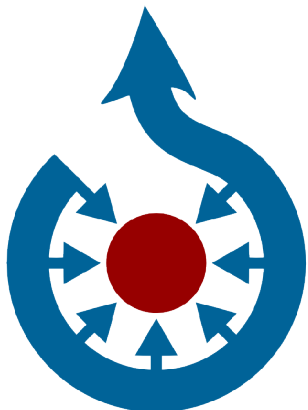
Copy, Paste in place

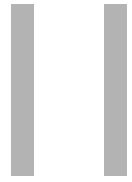
Apply pattern fill – polka  
dots, large

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Save as plain SVG

View in Firefox





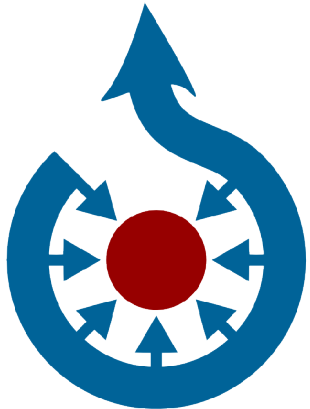
# Upload to Wikimedia Commons



Provide metadata!  
(Can use DerivativeFX tool)



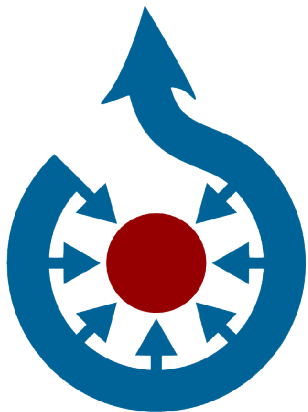
[[Category:Fluid dynamics]]



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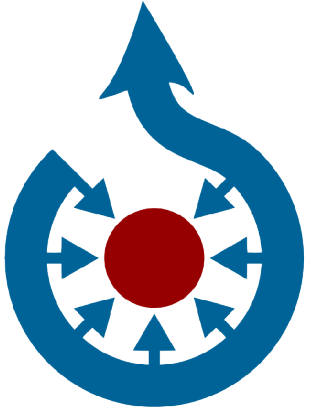
# SVG Translate

[http://toolserver.org/~nikola/  
svgtranslate.php](http://toolserver.org/~nikola/svgtranslate.php)



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# MediaWiki SVG rendering issues



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## Uploading a new version of a file

### File history

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

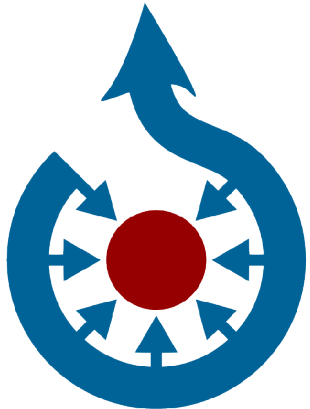
		Date/Time	User	
(delete all)	(current)	01:59, 12 September 2007	Username (Talk   contribs)	2

- [Upload a new version of this file](#)
- [Edit this file using an external application](#)

(See the [setup instructions](#) for <http://commons.wikimedia.org/w/in>)



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# 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](#)