

# digilib – an image server for scholarly use

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# digilib (Citable image views)

The screenshot displays a web browser window with the address bar containing the URL: [digilib.mpwg-berlin.mpg.de/digitalibrary/query/diglib-mpwg.html?fn=excerim](http://digilib.mpwg-berlin.mpg.de/digitalibrary/query/diglib-mpwg.html?fn=excerim). The main content area shows a woodcut illustration of a figure, possibly a scholar or craftsman, working on a large, curved object. Below the illustration, the text "Apud Hæredem" is visible. The browser interface includes standard navigation buttons (back, forward, home) and a comprehensive toolbar on the right side with various icons for image manipulation, such as zooming, panning, and color selection.

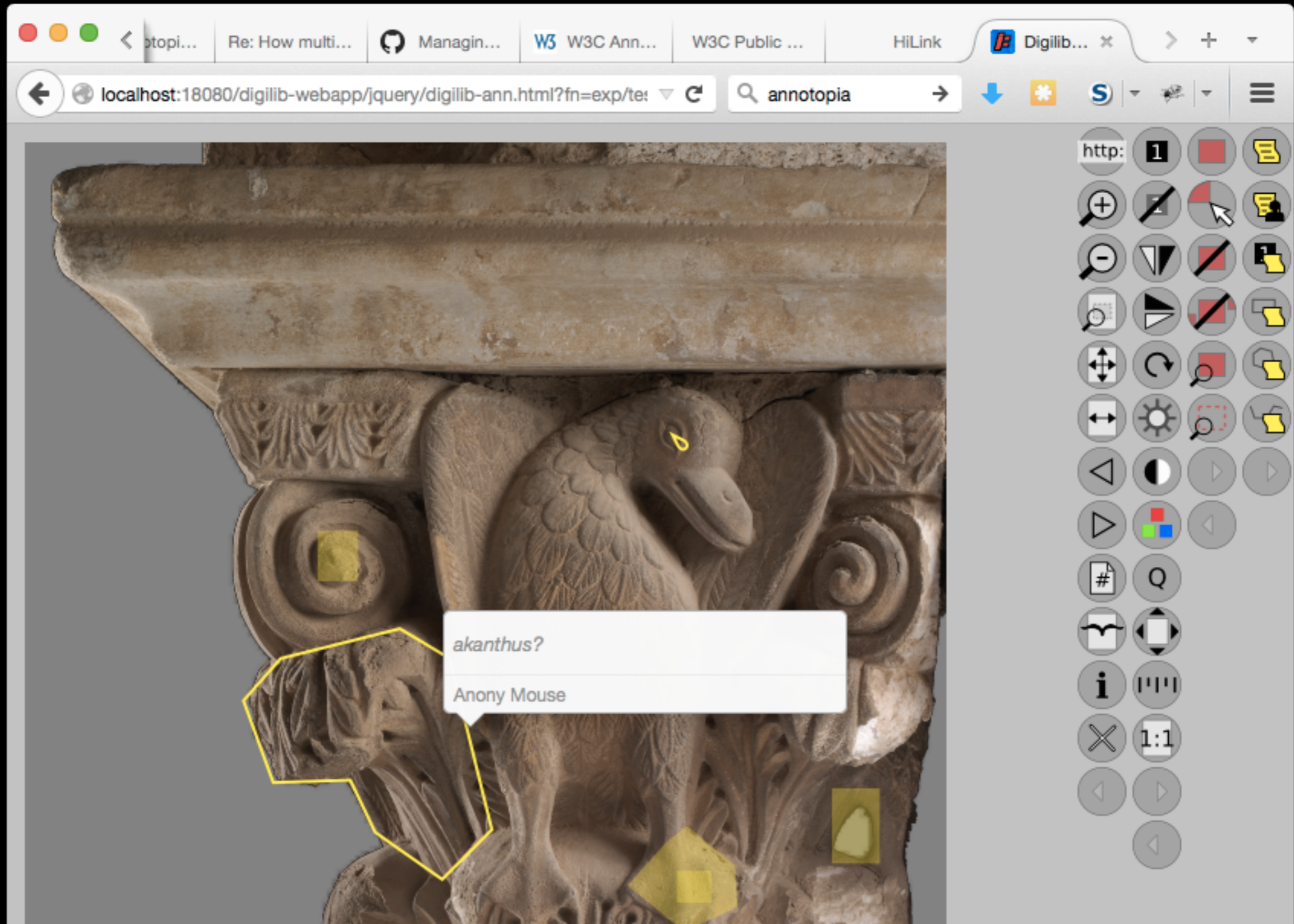
# digilib

- <http://digilib.sourceforge.net> / <https://github.com/robcast/digilib>
- scaling image server (Java Servlet)
- HTML + Javascript client
- view state and client-side annotations encoded in URL (since 2002)
- server-side annotations using Annotator.js (since 2012)
  - polygon shapes (since 2015)
- IIF Image API server (IIF Presentation API since 2017)

# digilib

- can use many image formats like JPEG, TIFF, PNG, J2K (Java ImageIO)
- Has IIF Image API support
- Has IIF Presentation API support (minimal metadata)
- Image annotation support (in frontend)
  - „local“ annotations in URL
  - Server based annotations with Annotator.js
- Image manipulation tools for research

# Image annotations in digilib



# digilib as research tool

The screenshot shows a web browser window with two tabs: "Digilib configuration page" and "Digilib measure test". The address bar displays the URL: `localhost:18080/digilib-webapp/query/query-test-measure.html?fn=exp/test/rombider&pn=3&ww=0.203`. The main content area features a historical architectural drawing of a circular structure, possibly a dome or vaulted ceiling, with a central circular element. A red circle and a blue dashed square are overlaid on the drawing, along with a blue dashed circle and a red dashed circle. The drawing includes handwritten letters "S." and "T." and some grey shaded areas. A vertical toolbar on the right side of the image contains various icons for navigation and measurement. At the bottom, a status bar shows the measurement tool is set to "M" (Measure) with a "distance" of `0.0363 pa mo d'architetta (Rom)` and a scale of `0.0081 m`. A color selection tool is also visible in the bottom right corner of the status bar.



# Image server architecture

