

ImageJ
and
User Extensible Image Analysis

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Core capabilities

Graphics package developed in medical imaging community (at US National Institutes of Health, NIH).

- Standard image display, scaling, color tables.
- Lots of input and output formats
- Basic image arithmetic
- Stacks of images to movies, color images and vice versa

Overall a powerful tool for manipulating images but apparently nothing special compared to DS9 or Aladin.

- Doesn't know about WCS.

Micro-demo

URL: <http://rsbweb.nih.gov/ij/index.html>

Why is this a successful community?

An outsider's guess:

- Support for this built in from the beginning.
- Unintimidating
- Macros -> plugins allow easy start and evolution of plugins.
- Community supported and recognized: mailing list, links from and inclusion on central Web site.
- Easy availability of source code
- Public domain code
- Lack of ego (no names/institutions on home page)