Python + WSGI + protovis

Ralph Bean

Me

- RIT student until '09. BS and MS with a focus in AI-stuff.
- Now a systems administrator for the Research Computing department at RIT.
- I make web-apps too.
- I'm in love with a lady!

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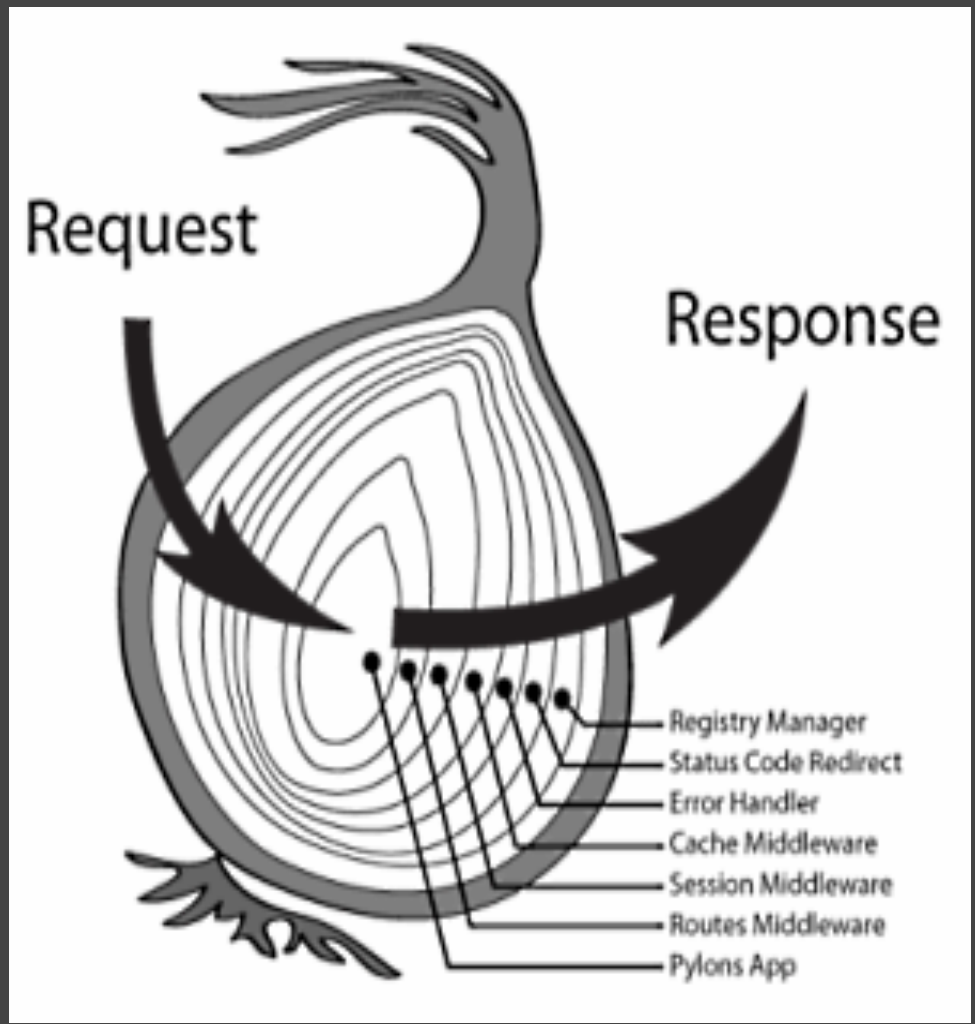
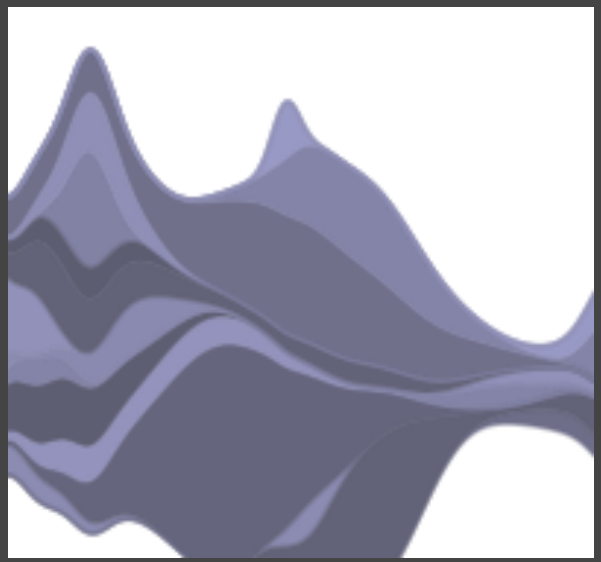
Web Server Gateway Interface (WSGI)

- Specified in PEP 333
- Series of middleware layers
  - Pre- and post-processing
  - Responsible for passing control to the next layer
- Portable between applications and frameworks
- Examples: error handling, authentication, sessions and cacheing



tw2.protovis

- Toscawidgets2
  - resuable web components
  - WSGI-middleware
- protovis
  - javascript+SVG visualization library
- tw2.protovis.*
  - python module that renders protovis widgets!
- http://craftsman.rc.rit.edu/



Let's do it.

Thanks! Questions?

- blog: http://threebean.wordpress.com/
- github: http://github.com/ralphbean/
- demos: http://craftsman.rc.rit.edu/