



Notes

1) Fos Server

Design an extensible "visualization server"

- Design the Interfaces, where a client (e.g. IPython Shell) process can invoke visualization commands on particular views
- Message Passing Schemes
- Remote Procedure Calls (XMLRPC)

Observations

* "See ParaView over the Web" effort

* IPython redesign: Core, Engine, Controller

<http://amath.colorado.edu/activities/preprints/archive/549.pdf>

2) IPython Shell

See IPython Execution Engine

3) Browser Windows

* needs two way communication between JavaScript and Python Server:

<http://blog.nublue.co.uk/threaded-python-websocket-server-and-javascript-client/>

4) IPython Execution Engine

Two process model for IPython

<http://ipythonzmq.blogspot.com/>

5) Gephi Headless

Generate nice SVG graph layouts

6) Event Queue

e.g. for multiple clients