Plastic – Latest developments
http://plastic.sourceforge.net

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and others
To begin with – a demo

- A pseudo-science case bringing together the Workbench, MySpace, CEA, Plastic, Topcat and VisIVO
  - Using the WB to open a VOTable and...
  - Send it to a remote anomaly detection algorithm
  - Send the results from MySpace to Topcat using PLASTIC
  - Send the results from Topcat to VisIVO using PLASTIC
  - Analyse the results in Topcat and VisIVO

- See the page at:
  - http://wiki.eurovotech.org/twiki/bin/view/VOTech/AnomalyDetection
Plastic current status

- > 12 plastic apps
- 9 talks at Victoria
Plastic current status

- Many Java applications
  - 2 x Java libraries exist to help you
- 2 x C++ apps: VisIVO and Eirik
- 1 x Perl
- 1 x Tcl (GAIA)
- Example Python
Plastic current status

- Current spec: 0.5 (very minor changes over 0.4)
- Currently concentrating on messages for
  - Loading and manipulating spectra
  - Datamining (selection of interesting attributes, clustering etc)
- Very positive feedback from Astronomers
  - Probably need to engage them more so that they can drive the development...currently very developer-led
- IVOA Note about to be published (this week!)
What's in the pipeline?

• Message logging

• Security?
  – External machines can access your hub
    • Sometimes desirable?
    • Disable by default
  – Does it matter – what do you think?

• API change to make it more convenient to use
  – How to handle backwards compatibility?
To end – another demo

- Demo: Workbench/Plastic – enabled web pages
- This is a prototype!
  - http://plastic.sourceforge.net/tupperware/PlasticApplet/ShowApplet.html
- Backup URL in case SourceForge is down (again):
  - http://eurovotech.org/wfau/tupperware/ShowApplet.html