



Status of ICAT and Topcat

Icat 4 – ILL, Grenoble, France
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What is the state of the current technology?

- We have ICAT 4.0, 3.3.5
- We have Topcat 1.0 supporting ICAT 4 and ICAT 3 simultaneously
- We have production services running at RAL
<https://data.isis.stfc.ac.uk/TOPCATWeb.jsp>
- We have the Google code web site on <http://code.google.com/p/icatproject>
- We have a demo system on www.icatproject.org with:
 - two instances of ICAT 4.0
 - one Topcat which federates the two ICATs
- The demo system also hosts Jenkins, Sonar, Nexus, Wiki, Bulletin Board, Oracle, Glassfish
- We have the following almost ready (discuss later):
 - ingestion client (uploader)
 - downloader agent in Topcat
 - ids (works with the uploader and downloader)
 - icat editor



Demo of Topcat running in production at RAL

<https://data.isis.stfc.ac.uk/TOPCATWeb.jsp>

Antony Wilson



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Demo of Topcat running on www.icatproject.org

Kevin Phipps



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What is the state of the ICAT collaborative project?

Now:

- We have the review by SSI

Soon:

- Improve the collaboration to support Pandata
- We have to finalise the contents of release 4.1
- Support the work of Pandata

Then:

- Develop, test, document, deploy, support, ...

Early summer:

- Requirements from Pandata for ICAT 4.2 by June 2012
- We plan to get ICAT 4.1 released by July 2012

Late summer:

- Finalise the contents of ICAT 4.2

Then:

- Develop, test, document, deploy, support, ...

2013:

- ICAT 4.2 released by January 2013



Quick version of the SSI presentation

<http://code.google.com/p/icatproject/wiki/ReviewRecommendations>

[http://www.icatproject.org/index.php/ICAT review by SSI - January 2012](http://www.icatproject.org/index.php/ICAT_review_by_SSI_-_January_2012)

Note that a small number of things were removed from the report as they are RAL business, not collaboration business.



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Organisation and structure of the ICAT project team

<http://code.google.com/p/icatproject/wiki/Icat4Workpackages>

Note that the current assignments are mainly to people at STFC. The amount of time available for ICAT collaboration from the ESC team at STFC is:

| | |
|-----------|-----|
| Alistair | 20% |
| Steve | 20% |
| Kevin | 20% |
| Harjinder | 20% |
| Antony | 20% |
| Ron | 10% |

We are expecting to have more resource allocated later in the year.



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Finally - call for action

- If you give a presentation, give us a copy
- Sign up for Google code project: <http://code.google.com/p/icatproject/>
- Sign up for the wiki on: www.icatproject.org
- Sign up for the bulletin board on: www.icatproject.org/phpBB
- Volunteer for a work package: <http://code.google.com/p/icatproject/wiki/Icat4Workpackages>
- Volunteer to take responsibility
<http://code.google.com/p/icatproject/wiki/ReviewRecommendations>
- Try out an ICAT on: www.icatproject.org
- Install a test version of ICAT4.0 on your own computer
- Consider how you are going to deploy and use an ICAT
- Talk to Harjinder, Kevin, Antony, Steve, Alistair, Tom, Milan ...
- Tell us about your requirements
- Have fun
- Bon appétit!

And a word of caution...

- This is a collaborative project
- If you think something should be done, and you can do it, do it
- If you think something should not be done, then say so
- The resources available for ICAT are small so they must be used carefully



Technical presentation of the functionalities and the roadmap

Road-map: <http://code.google.com/p/icatproject/wiki/Icat41Roadmap>

Requirements: <http://code.google.com/p/icatproject/wiki/RequirementsIcat41>

Release Criteria: <http://code.google.com/p/icatproject/wiki/Icat41ReleaseCriteria>

And now for the technical detail from Steve...



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