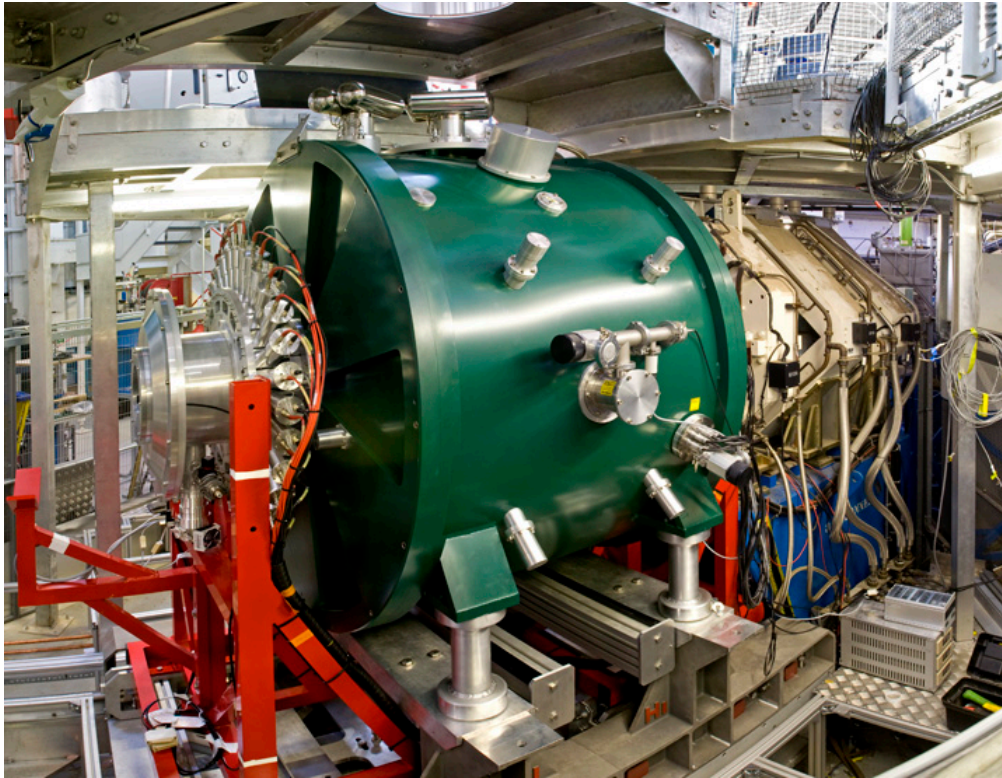


ICAT at ISIS



Tom Griffin, STFC ISIS Facility
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Lund, Sweden

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tom.griffin@stfc.ac.uk



Science & Technology Facilities Council

ISIS



Status

- ICAT 3.3 in production for 4+ years
- ICAT 4.2
 - Installed on production hardware
 - Created ISIS-UO Authentication plugin
 - Populated with all proposal metadata
 - Populated with some experiment data
 - Rules ‘bug’ prevents us going live
 - Require an IDS compliant data server



Blockers

- Issue #83
- Cannot set real permissions
- No access for staff

```
Investigation <-> Instrument <-> InstrumentScientist <-> User  
[name = :user]
```

```
IcatException_Exception: Can't have loop in graph of entities.  
'Investigation' was encountered twice following  
InstrumentScientist -> Instrument -> Investigation
```



Problems and Enhancements

- Schema changes
 - SampleType constraints – ‘Steel’
 - Investigation <-> Instrument
- Small bug with InvestigationUsers
- See issues on Google code



1 year plan

- Go live with 4.2 / 4.3 / 4.4
- Mantid integration with 4.x
- Switch off 3.3
- Upload of processed data
 - from Mantid
 - From TopCAT



Immediate Requirements

- Bug fixes
- Minor enhancements



<1 year Requirements

- Permissions management in TopCAT
 - ICAT auth rules to support this
- GUI tweaks to TopCAT
- IDS reference implementation
- Data upload from TopCAT & Mantid
 - Requires infrastructure in ISIS



>1 year Requirements

- Anything that isn't done in 1 year
- OAI-PMH ?



Questions...

