



# Roadmap - PolICAT

ICAT F2F - Copenhagen

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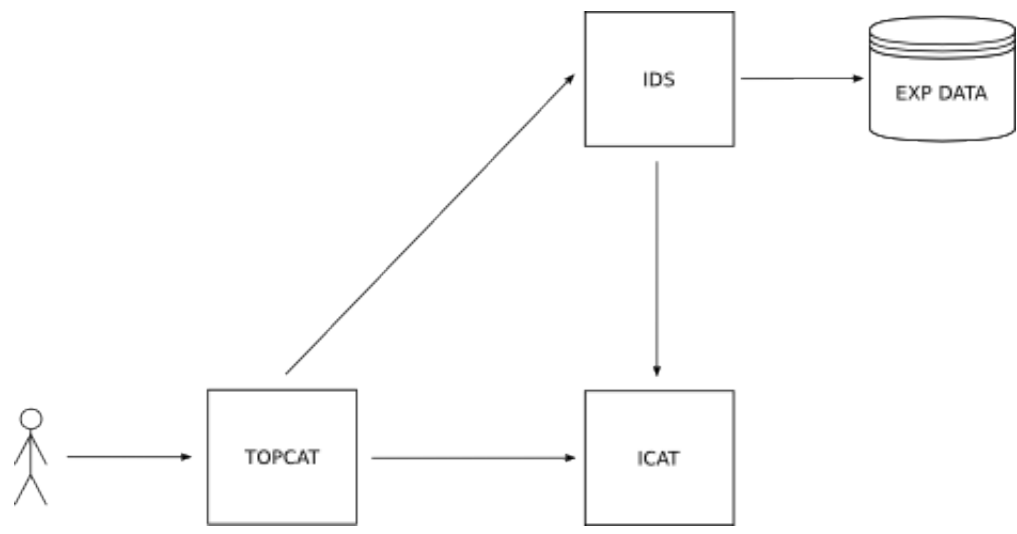
# Outline

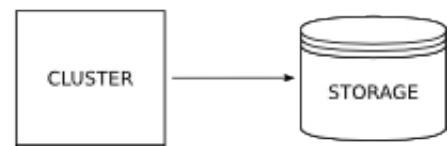
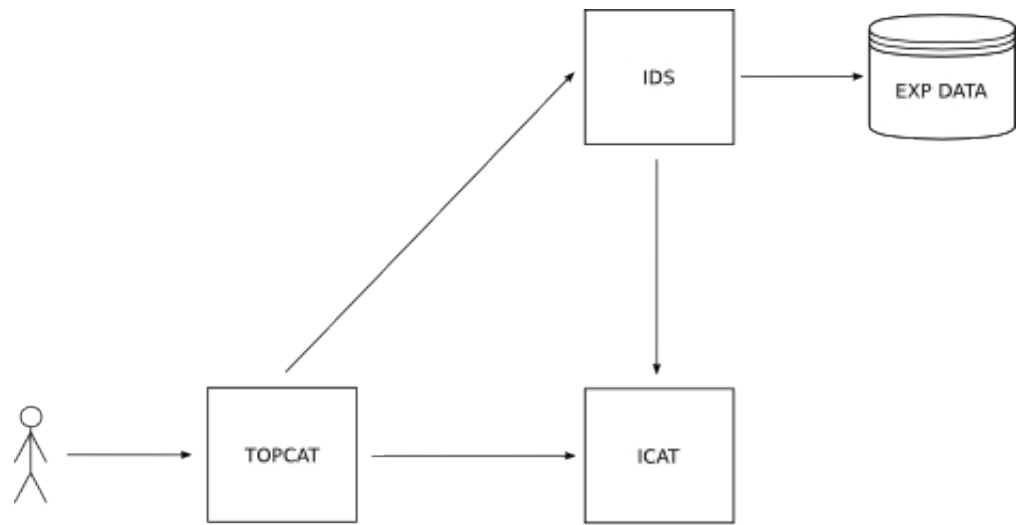
- What is PollCAT?
- Current status
- Future developments

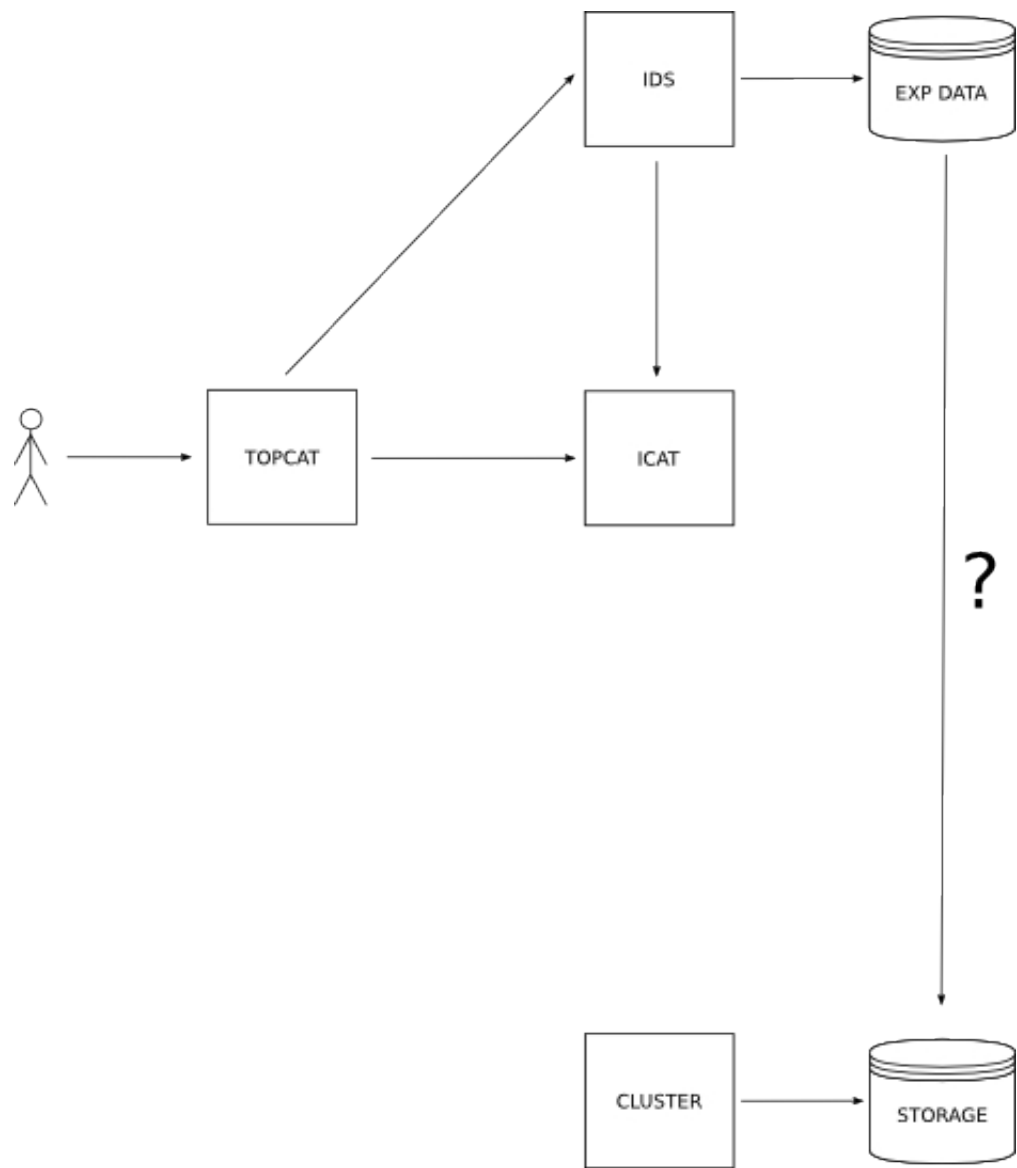


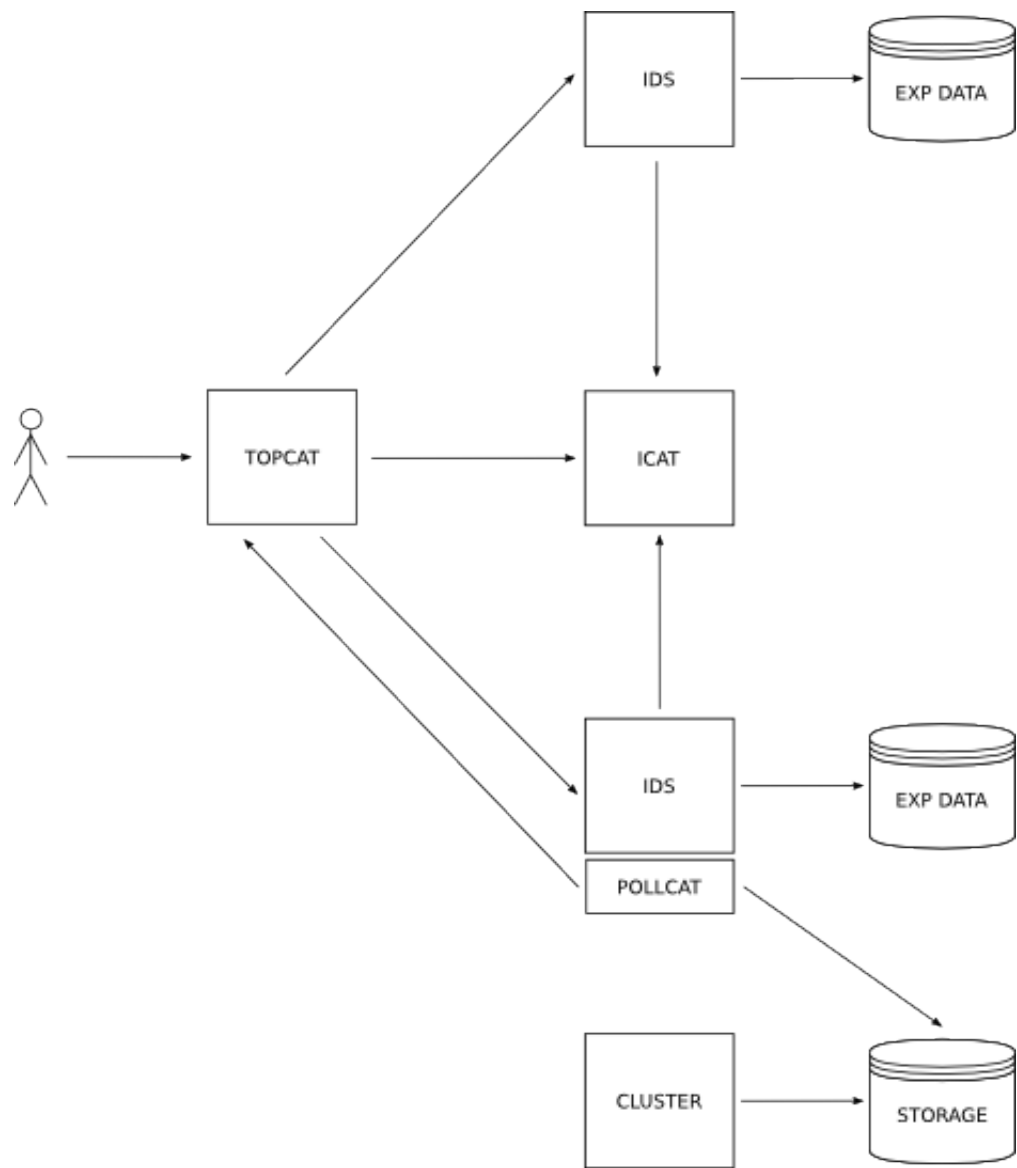
# What is PolICAT?











# What is PollCAT?

- Small Python service that deals with the movement of data
- Watches TopCAT via admin API looking for new download requests
- Watches the IDS to check when the download is ready
- Executes the PollCAT plugin
  - Move / structure data
  - Create accounts
  - Set permissions



## Download

Download Name	Transport	Size	Facility	Availability
dls_2015-10-12_10-57-54	Https	2.21 GB	DIAMOND	ONLINE

- Https
- Https
- Globus
- DLS Cluster
- SCARF

Your requested download may have items that are not available online and must be restored from tape. Once your download is submitted, please check your Download Order periodically to monitor its progress and status. When the status is "COMPLETE", you can initiate the download of your files. It is recommended that you enter your email below so you will be notified when your download can be initiated.

Email me when download is ready

frazer.barnsley@stfc.ac.uk

OK

Cancel

topcat.json

-->

```
"downloadTransportTypes": [
  {
    "type" : "https",
    "default" : true,
    "url": "https://ids01-url/"
  },
  {
    "type" : "cluster",
    "url": "https://ids02-url/"
  }
],
```

# Current Status



# Current Status

- 2 plugins created
  - Globus
  - SCARF cluster\*
- 1 more plugin on the way

<https://github.com/frazzleuk/pollcat>



# Future Developments



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# Future Developments

- Formalise the code / documentation
- Use ICAT getLink
- Multi-threading



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