



IRSA API Usage

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IVOA Interop

May 31, 2018





IRSA's API clients are mixed

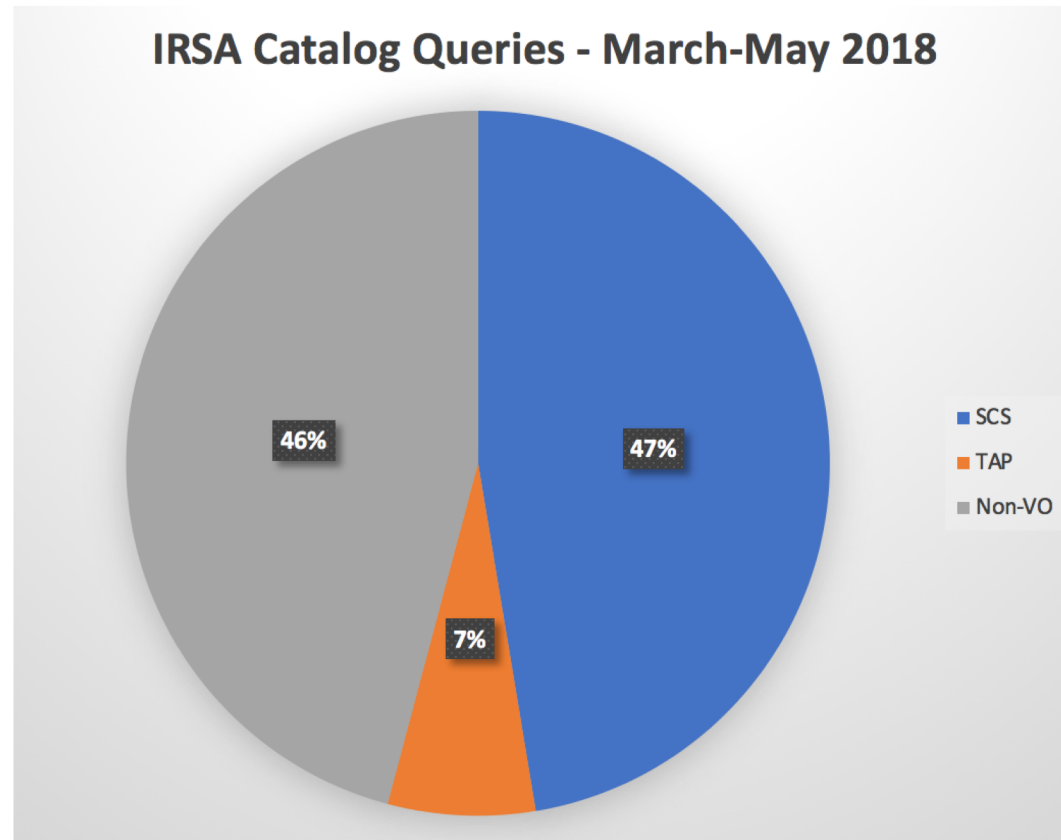
- Some IRSA API's predate VO
- Some are embedded in external apps and services
- Who are they?
- How do we better meet the needs of our users?
- How do we increase uptake of VO API's?

IRSA Catalog API Usage

- Sampled web logs from March-May 2018
- Analysis is very rough, but gives some idea of what's going on during this period

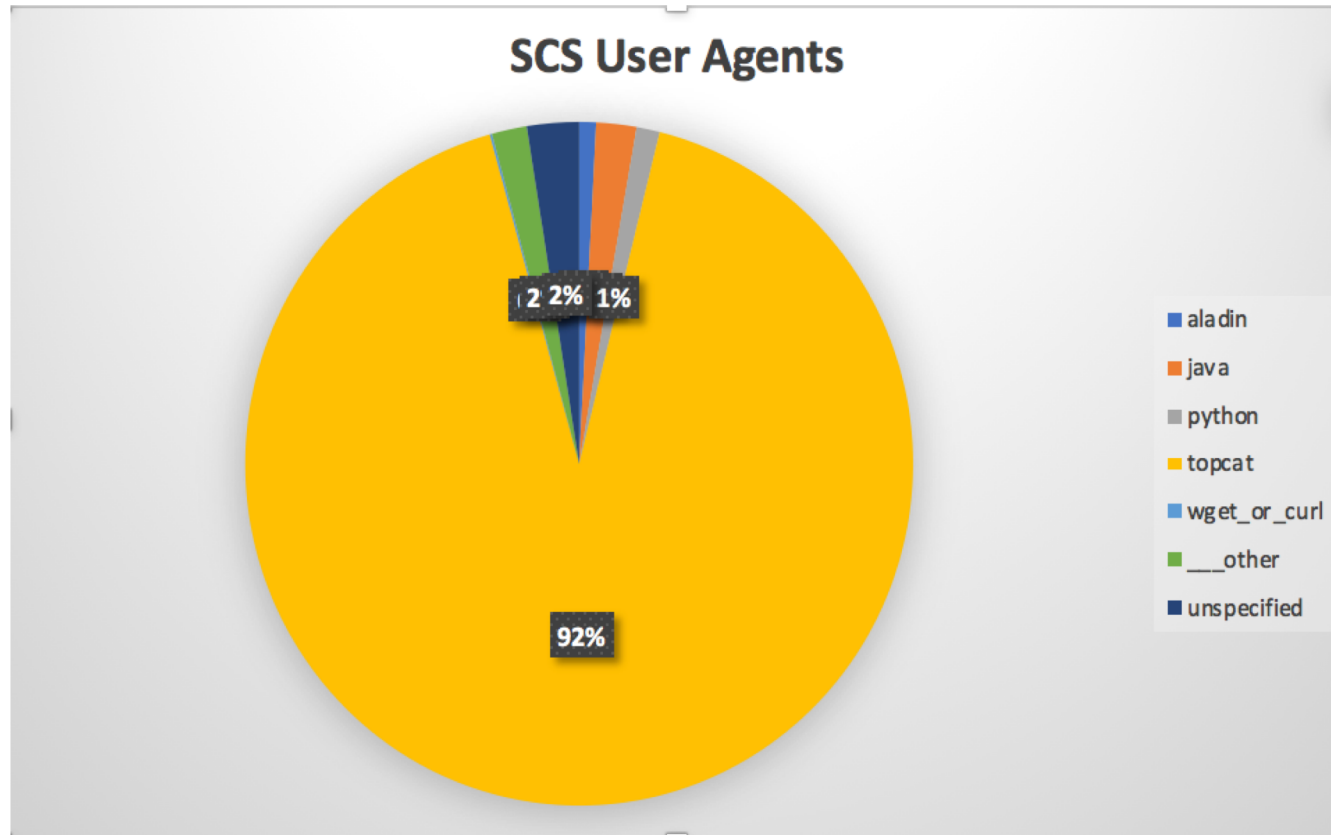


IRSA Catalog API Usage



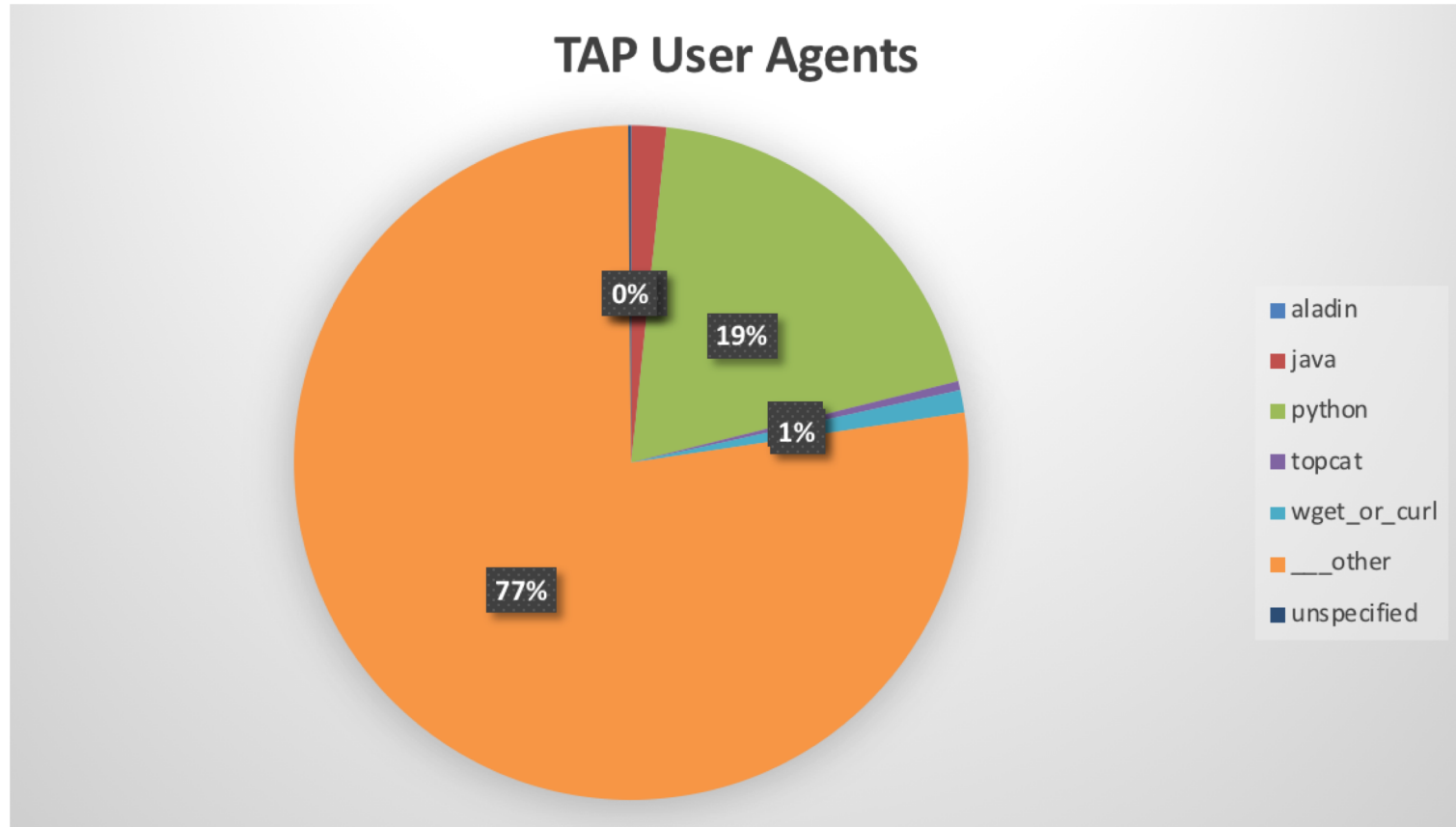
- Roughly 3.7M queries to IRSA catalog API's during this time
- Almost half used legacy non-VO catalog API

SCS queries



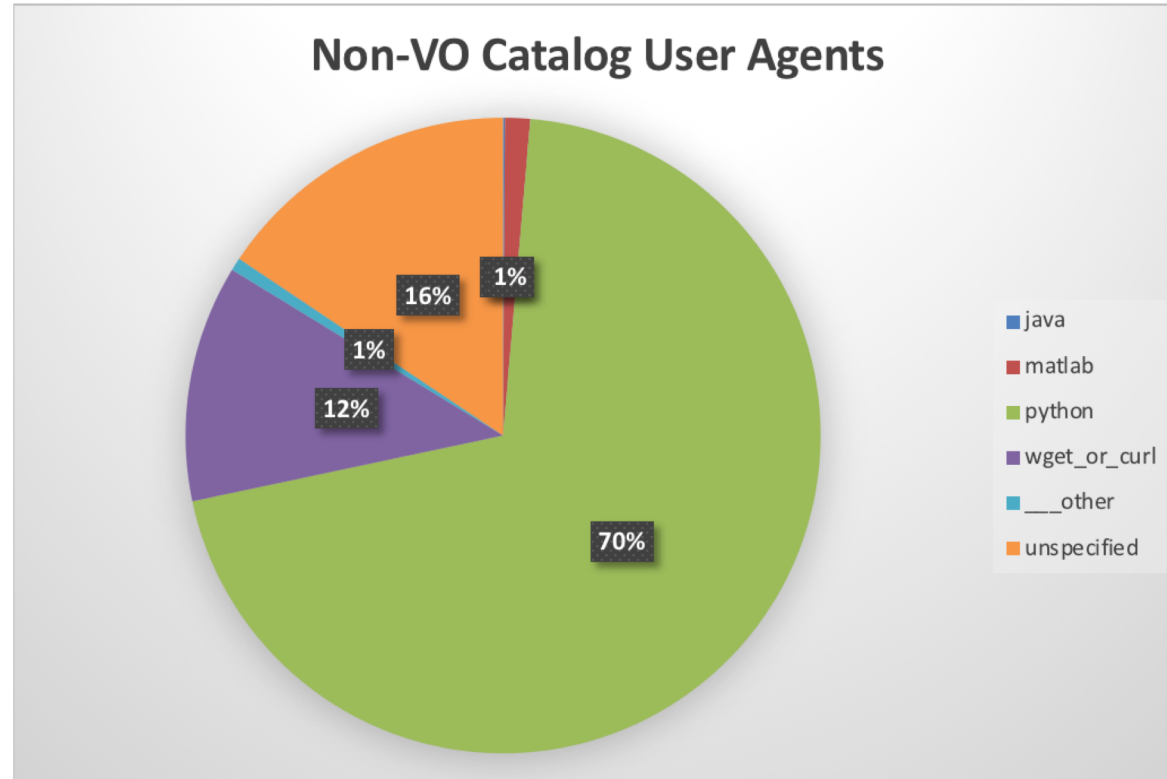
- Of 1.7M SCS queries, 92% came from TOPCAT

TAP queries



- Of ~250K TAP queries, most were an odd mixture of things. Still researching.
- Note 19% came from Python.

Non-VO Catalog queries



- For our Legacy non-VO API, 70% of ~1.7M queries came from Python, a mix of astroquery, generic python URL client, and other
- Message: We are reaching these users through the libraries they use, and many of those are python-based.