

# SIAP in the field:

experiences writing SIAP clients

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# SIAP in the field

I'm no expert...

# **Straight into the demos... ...since they're the fun part**

- VAST
- AstroScope
  - Both use the AstroRuntime to do the heavy-lifting

# Lessons learned

- I'm still no expert...
- I think many of these issues have been addressed in SIAP 2
  - If so they're added motivation for you
  - If not, maybe they could be
- The spec authors and contributors can be justifiably proud that a client tool can be written to pull images out of ~30 archives (from the AG registry)

# For service providers

- The registry is your advertising space
- Make sure your service isn't the one returning an error in AstroScope/DataScope/(Ray's?) SIAP checker.
- Do you use the UCDs in your VOTable as set out in the spec?
- Strongly consider enabling thumbnail previews by supporting `FORMAT=image/GRAPHIC` and `NAXIS`

# For the spec

- Explicitly disallow the use of SIAP keywords (e.g. FORMAT) in the query end-point
- If a service supports FORMAT=image/png (for example), it should also support FORMAT=GRAPHIC
- Put the keywords a service supports in the registry.

# That's it

- AstroScope and the AstroRuntime:
  - <http://software.astrogrid.org/beta/ar/>
- VAST
  - <http://plastic.sourceforge.net/multiproject/vast/index.html>
- PLASTIC
  - <http://plastic.sourceforge.net>
- Me
  - [jdt@roe.ac.uk](mailto:jdt@roe.ac.uk)