

UWS 1.1

Proposed Changes

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Background

- ✦ Have been several suggestions for updates - However really only want a 1.1 version - i.e. no protocol breakage for clients
 - ✦ Clarifications/Corrections
 - ✦ Changes that definitely do not break clients
 - ✦ Changes that might break clients (minimally)
- ✦ Collected on <http://wiki.ivoa.net/twiki/bin/view/IVOA/UWSEnhancement>

Clarifications

- ✦ More explanation of the “HELD” PHASE
 - ✦ only reachable by server action
- ✦ prohibition on creating new parameters after initial POST
- ✦ Clarification on DestructionTime value returned for the “never destroyed” case.

Non-breaking Enhancements

- ✦ allow job list to be filtered on PHASE
 - ✦ GET /{jobs}?PHASE=EXECUTING
 - ✦ partially helps “paging” use-case
- ✦ add new PHASE “ARCHIVED”
 - ✦ job metadata (and optionally results) stored at destruction time
 - ✦ does not appear in job list by default
- ✦ Make explicit submit and run in single step
 - ✦ POST /{jobs}?PHASE=RUN

Incompatible Enhancements

- ✦ Allowing content in <result>
 - ✦ would be symmetrical with <parameter>
 - ✦ but...
 - ✦ requires change to schema
 - ✦ possibility that clients would not understand

Others to be considered?

✦ ??

For UWS 2.0?

- Callbacks
- blocking resources
- Pagination
- More “job control” - Quota, Priority...
- Re-submit job with changed parameters by copy
- ... <http://wiki.ivoa.net/twiki/bin/view/IVOA/UWSEnhancement>