

Security Command Line Tools

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- **Goal: A set of useful command line tools for site admins**
 - Not user
 - authZ recommendation #3, OSG-EGEE coordination meeting
- **Document at <https://edms.cern.ch/document/931846>**
- **General remarks:**
 - Should be simple
 - Clearly differentiate between commands that
 - *Make changes (with option --noaction)*
 - *Do only return information*
 - API specs may have to be modified during implementation

- **task_removal**: Given a credential find currently running jobs (and optionally remove them)
- **check_connection**
- **authz_check**: given a credential, return authZ answer (permit/deny/undetermined)
- **cred_mapping**: mapping of a credential to UID/GID(s)
- **ban_user**: banning a user/DN/FQAN

Job lookup-by-subject in BLAH

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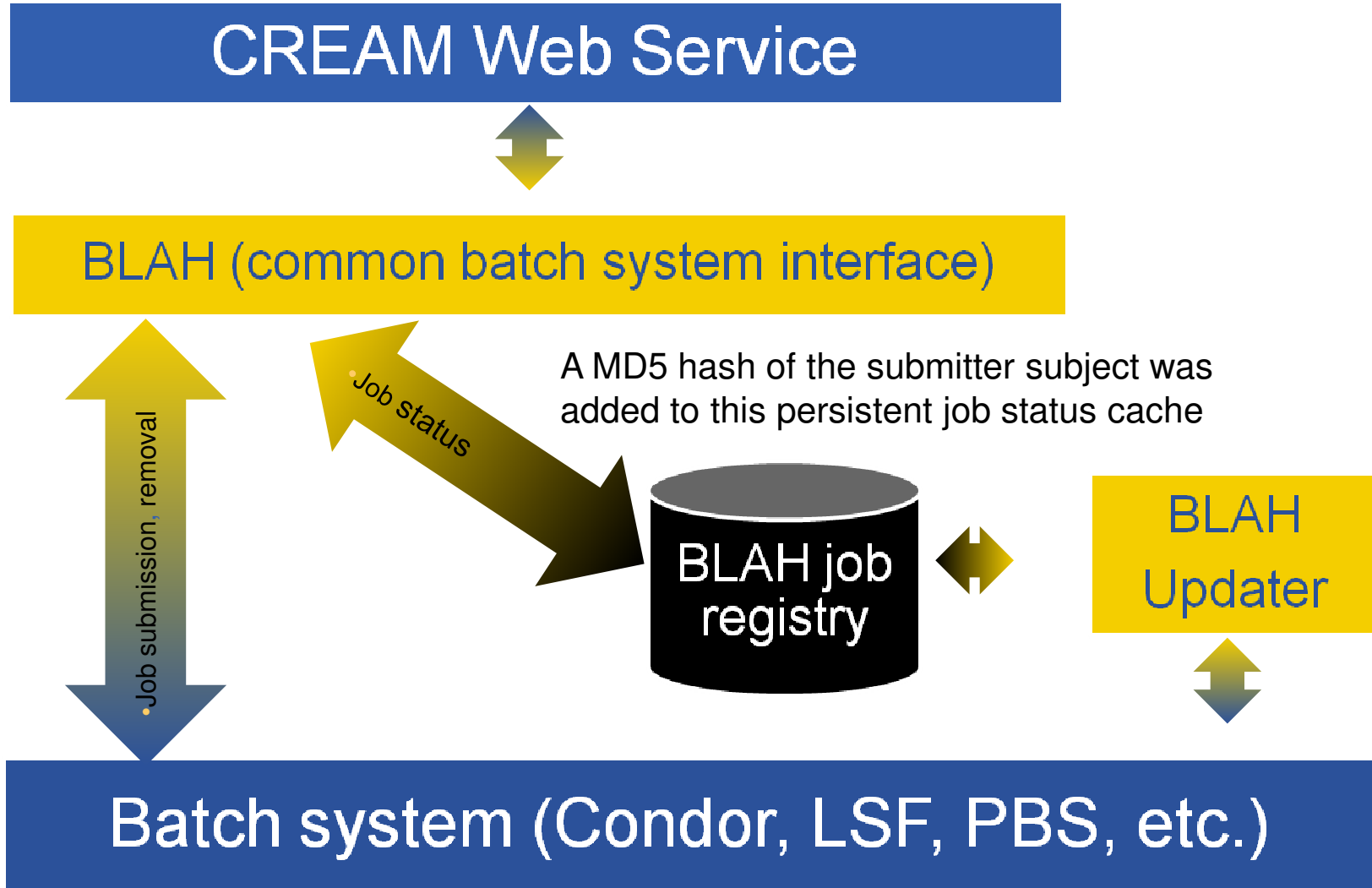
- **As requested by Christoph W., a tool was added to scan and list all jobs stored in the BLAH job registry that:**
 - Were submitted with credentials belonging to a specified subject
 - Are in a given state according to the BLAH job registry

- **This tool (`blah_job_registry_scan_by_subject`) was included in BLAH stable branch 1.14 (versions 1.14.x). Here's the usage string:**

```
Usage: blah_job_registry_scan_by_subject (<-s (proxy subject)>|<-h (proxy subject
hash>) [-j job_status[\\|job_status]] "Optional arg1 format" arg1 "Optional arg2 format"
arg2, etc.
```

```
Available job status for -j option: - unexpanded (0) - idle (1) - running (2)
removed (3) - completed (4) - held (5)
```

- **The tool can be used to generate and run administrative actions that need to run on all jobs that belong to a given subject.**



- **Here's a few usage examples for `blah_job_registry_scan_by_subject`**

- **Generate a script to qdel all running jobs:**

```
$ blah_job_registry_scan_by_subject -s '/C=IT/O=INFN/OU=Personal
Certificate/L=Milano/CN=Francesco Prelz' -j run "qdel %s\n" BatchJobId
qdel 36490.atlfarm006.mi.infn.it
qdel 36491.atlfarm006.mi.infn.it
etc. etc.
```

- **This can be piped directly into a shell:**

```
$ blah_job_registry_scan_by_subject -s '/C=IT/O=INFN/OU=Personal
Certificate/L=Milano/CN=Francesco Prelz' -j run "qdel %s\n" BatchJobId |
/bin/sh
```

- **Delete jobs in a generic way via SUDO and a BLAHPD standalone instance:**

```
$ blah_job_registry_scan_by_subject -s '/C=IT/O=INFN/OU=Personal
Certificate/L=Milano/CN=Francesco Prelz' -j run "BLAH_SET_SUDO_ID %#d\n"
SubmitterUid "BLAH_JOB_CANCEL %d " Njobs "%s\n" BlahJobId |
/opt/glite/bin/blahpd -s
```