



HEPCloud Development plans

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HEPCloud Stakeholders meeting

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Updates from the last Stakeholders meeting



- Decision Engine 1.7.5 in production (SL7)
 - Released almost a year ago <https://github.com/HEPCloud>
 - Fixed logging
 - https://hepcloud.github.io/decisionengine/release_notes/release_notes_1.7.html
 - https://hepcloud.github.io/decisionengine_modules/release_notes/release_notes_1.7.html
- Decision Engine 2.0.2 released almost a year ago
 - Set CONTINUE_IF_NO_PROXY to False to allow hybrid configuration
 - EL9
 - RPMs available on GitHub and in yum (FNAL only)
 - https://hepcloud.github.io/decisionengine/release_notes/release_notes_2.0.html
 - https://hepcloud.github.io/decisionengine_modules/release_notes/release_notes_2.0.html

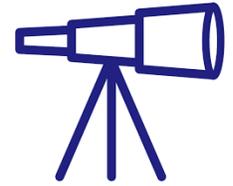
2.0.3 release

- Contribution from internships
 - Redis Exporter Data
 - Prometheus metrics and dashboards
- Create Redis mock for unit tests
- Improvements of CI (GitHub actions and Jenkins pipeline)
- Refactor DEConfigSource and `configure_gwms_frontend`
- Change glideclient advertisement logic
- Add new method of determining token expiration instead of relying on `jwt.decode` error code

2.1.0 release

- Credential refactoring
 - Per-entry IDTOKEN via generator
 - Configurable lifetime of IDTOKENS
- RPM + PIP packaging

Other features



- Complete separation of GWMS Frontend
- Channel redesign and new channels
 - HTC Pressure based channel
 - HPC channel (Theta/Summit)
 - Plans for Direct submission and MPI support
 - Channels to support more HPC resources
 - Direct submission channel
 - Support of MPI jobs
- Framework query/status tools
- Complete monitoring dashboards (users and stakeholders)
- Release support
 - Standard modules and clear procedure to contribute additional modules

References

- Code, tickets and contributions (GitHub)
 - decisionengine <https://github.com/HEPCloud/decisionengine>
 - decisionengine_modules https://github.com/HEPCloud/decisionengine_modules/
- Developers' documentation <https://github.com/HEPCloud/decisionengine/wiki>
- Documentation <https://hepcloud.github.io/decisionengine/>
https://hepcloud.github.io/decisionengine_modules/