

Jiskefet

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Huynh, Misha
Rigot, Ramon Gill

Voortgang Jiskefet

Huidige situatie

Laatste sprint

Scientific Programming

Architecture &
Development

Documentation

Requirements

Testing

Jiskefet

Amin Chihab, Bastiaan Reinalda, Calvin Huynh,
Misha Rigot, Ramon Gill

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- Documentation
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CERN trip

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- Version 0.1 released
- CERN SSO
- Logging
- Testing
- Jenkins CI

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- General
 - Config/environment variables validation
- Front end
 - Atomic design
 - Redux
 - Testing
- Back end
 - Standardize endpoints
 - CERN SSO Logout
 - More testing
- Deployment
 - Reduce the manual steps required to deploy the CI server

Demo

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Demo link

Architecture & Development

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■ Currently we are able to implement:

Architecture & Development

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■ Currently we are able to implement:

1 Container technology

Architecture & Development

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■ Currently we are able to implement:

- 1 Container technology
- 2 Automated deployment

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■ Currently we are able to implement:

- 1 Container technology
- 2 Automated deployment
- 3 Continuous Integration (with GitLab)

Documentation

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A Practical Method for Documenting Software Architectures

- Adopting a view-based approach to documentation, and then following that approach with discipline.
- Documentation in Git repository is done by adding a README.md file per folder that needs explanation.

Requirements

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Continuous Integration

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■ Achieved goals

- separate Jenkins CI server
- linting with Jenkins
- testing with Jenkins (back end)
- codecov reports with Jenkins

■ To do

- snapshot testing (front end)
- higher codecov (greater than 80%)

Het automatiseren van testen met Swarm Intelligence

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- Search Based Software Testing en Bee Colony Optimization
- Verkenners en werkers
- Intensificatie en diversificatie strategie