

Sprint 1

Albert van
Kiel, Timo
Hermsen,
Robin Baneke,
Max van
Hasselt,
Robert Kleef
and Menno
Prinzhorn

Background

Goals

Goals

Modules

Filterbank

Pipeline

Clipping

Dedisperse

Timeseries

Fourier

Plot

Sprint 1

IO and Algorithm

Albert van Kiel, Timo Hermsen, Robin Baneke, Max van
Hasselt, Robert Kleef and Menno Prinzhorn

January 24, 2019

Background

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Project background

- SIGPROC library
- eScience center
- Asteria
- IO/Algorithm

Methodology

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What were our methods?

- SCRUM
- Sprint reviews

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Our goals for Asteria

- Refactoring SIGPROC library
- Python/C++
- Tests minimal 60% code coverage

Modules

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These modules are present and usable in the Asteria library

- Filterbank
- Pipeline
- Clipping
- Dedisperse
- Timeseries
- Fourier
- Plot

Filterbank

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- Read filterbank files
- Generate mock data

Pipeline

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- Plot
- Waterfall

Questions?

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