

Sprint 1

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Background

Goals

Goals

Sprint 1

IO and Algorithm

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January 23, 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
- Trello and Git

Goals

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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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Pipeline

Clipping

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Clipping

Dedisperse

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Dedisperse

Timeseries

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Timeseries

Fourier

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Fourier

Plot

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Goals

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- Plot
- Waterfall