

This page would be restricted to Instrument Scientists and Admins only

# ISIS Auto-reduction

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## LET Reduction Variables

Status  
Currently processing: [12345](#)  
Queued runs: [12346](#), [12347](#), [12348](#)

### Current Variables

Runs #12345 ⇄ #12349

Incident energies: 5, 10, 20  
EBinning: 12, 3, 30  
Save to analysis machine  
Whitebeam run number: 244  
Mapping file: /path/to/file  
Det info file: /path/to/file  
Mask file: /path/to/file

[preview reduction script](#)  
[edit variables](#)

[Create new run variables](#)

### Upcoming Variables

Runs #12350 ⇄ #12360

Incident energies: 12, 15, 33  
EBinning: 20, 5, 30  
Don't Save to analysis machine  
Whitebeam run number: 244  
Mapping file: /path/to/file  
Det info file: /path/to/file  
Mask file: /path/to/file

[Using an older script](#)  
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The reduction script has changed since these variables were saved. If you'd like to use the new script please click edit variables

Runs #12361 ⇄ #12340

Incident energies: 5, 10, 12  
EBinning: 20, 5, 30  
Save to analysis machine  
Whitebeam run number: 244  
Mapping file: /path/to/file  
Det info file: /path/to/file  
Mask file: /path/to/file

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## LET Reduction Variables

Status  
Currently processing: [12345](#)  
Queued runs: [12346](#), [12347](#), [12348](#)

### Current Variables

Runs #12345 ⇄ #12349

Incident energies: 5, 10, 20  
EBinning: 12, 3, 30  
Save to analysis machine  
Whitebeam run number: 244  
Mapping file: /path/to/file  
Det info file: /path/to/file  
Mask file: /path/to/file

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### Upcoming Variables

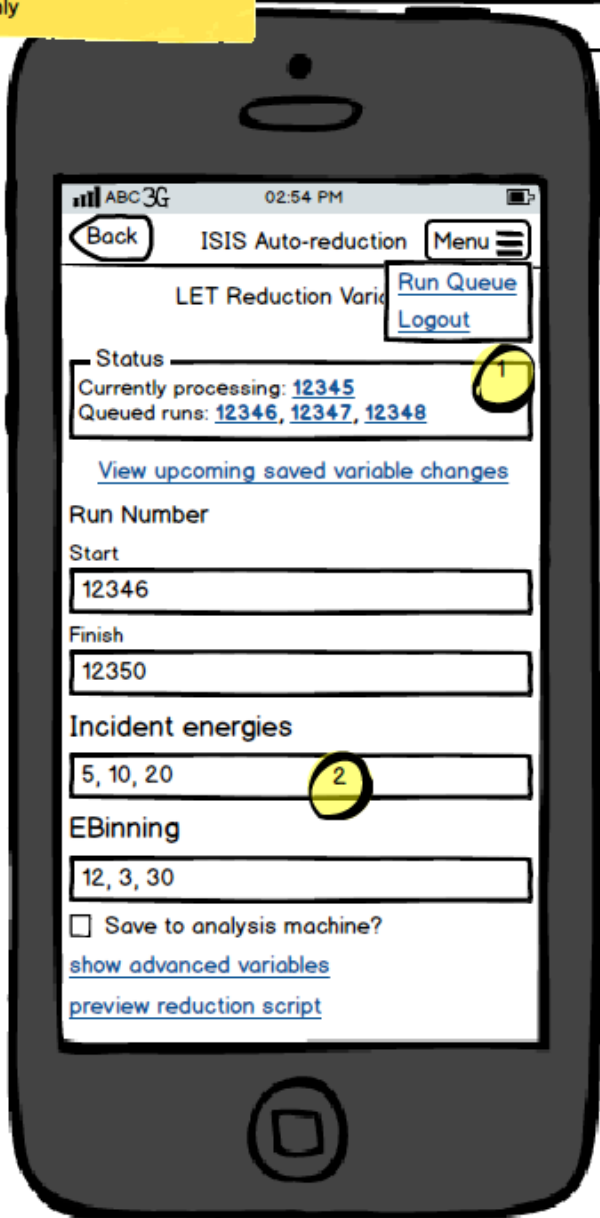
Runs #12350

Incident energies: 12, 15, 33  
EBinning: 20, 5, 30

1 Show the current status of reduction on that instrument to help users decide when variables need to come into effect



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- 1 Show the current status of reduction on that instrument to help users decide when variables need to come into effect
- 2 Attempt to pre-populate variables
- 3 Shown only if a finish run number is entered
- 4 Generate a python file with the variables updated for the user to check its correct
- 5 Run start must be greater than the latest finished run and any currently running. (Validation on form to restrict)
- 6 Dialog box shown when variables already saved

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### LET Reduction Variables

Status  
Currently processing: **12345**  
Queued runs: **12346, 12347, 12348**

[View upcoming saved variable changes](#)

Run Number Start **12346** Finish **12350**  
(optional)

What variables should be used from run 12351 onwards?

- ☒ [Default script values](#)
- ☐ Continue with these values unless new reduction variables are added
- ☐ Use the previous open-ended variables
- ☐ Set new variables now

Incident energies **5, 10, 20**

EBinning **12, 3, 30**

☐ Save to analysis machine?

Advanced Variables - [hide](#)

Whitebeam run number **244**

Mapping file

Det info file

Mask file

[preview reduction script](#)

**Submit Changes**

[reset to default values](#)

Show confirmation on leaving the page with unsaved changes

Current User  
Instrument Scientist

#### WARNING!

There are already [saved values](#) that fall within the run range chosen.

Do you want to overwrite the saved values with these new values?

**Cancel**

**Replace**

#### Saved values

Run Number Start **12346** Finish **12350**  
(optional)

Incident energies **5, 10, 20**

EBinning **12, 3, 30**

#### Advanced Variables

Whitebeam run number **244**

Mapping file **//path/to/file**

Det info file **//path/to/file**

Mask file **//path/to/file**

## ISIS Auto-reduction

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Run number Start

Incident energies

EBinning

#### Current Variables

Runs Incident energies: 5, 10, 20

#12345  
↓  
#12349 EBinning: 12, 3, 30

Save to analysis machine

Whitebeam run number: 244

Mapping file: /path/to/file

Det info file: /path/to/file

Mask file: /path/to/file

[preview reduction script](#)

[edit variables](#)

#### Upcoming Variables

Runs Incident energies: 12, 15, 33

#12350  
↓  
#12360 EBinning: 20, 5, 30

Don't Save to analysis machine

Whitebeam run number: 244

[Using an older script](#)

[preview reduction script](#)

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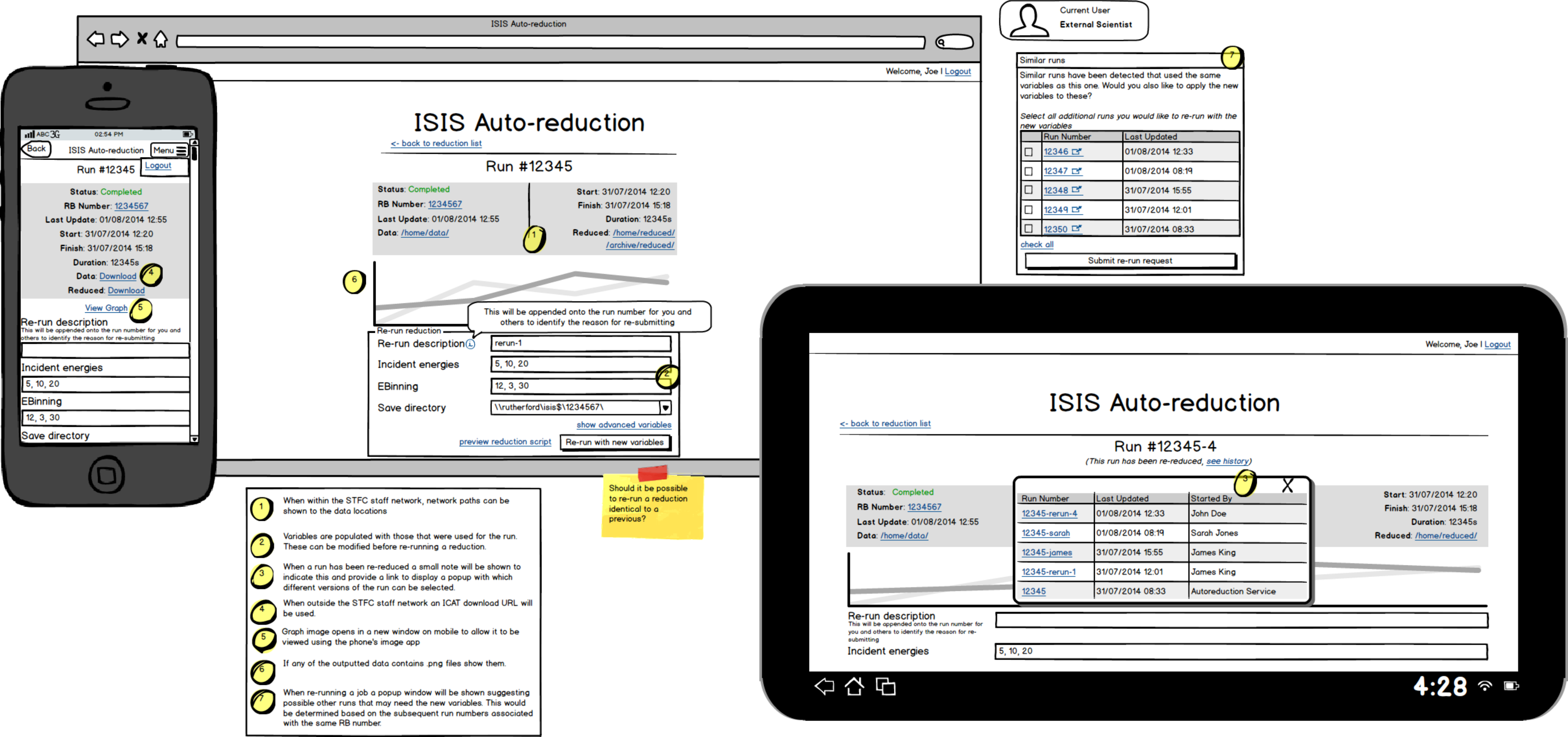
[show advanced variables](#)

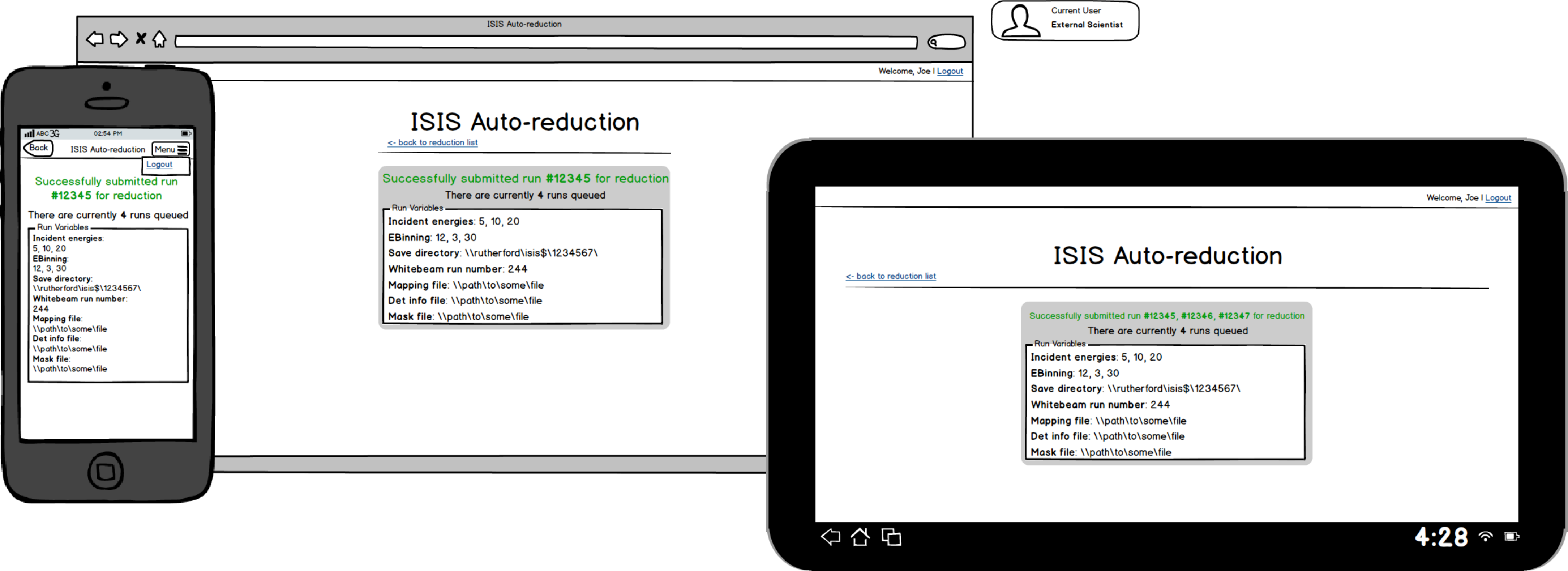
[script](#)

**Submit Changes**

[reset to default values](#)

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## RB 1234567

Title: Example experiment title

Principal Investigator: Dr James Carlson

Instrument: LET

Started: 01/01/2014 Ended: 07/01/2014

Data: [/home/data](#)Reduced: [/home/reduced/](#)

Runs (6)

Run Number	Status	Last Updated	Started By
<a href="#">12345-3</a>	Processing...	08/01/2014 12:20	Sarah Clarke
<a href="#">12347</a>	Complete	08/01/2014 10:55	Autoreduction Service
<a href="#">12346</a>	Complete	08/01/2014 06:13	Autoreduction Service
<a href="#">12345-2</a>	Complete	07/01/2014 18:53	John Smith
<a href="#">12345-1</a>	Complete	07/01/2014 16:22	James Goodway
<a href="#">12345</a>	Complete	07/01/2014 12:03	Autoreduction Service

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## RB 1234567

Title: Example experiment title

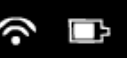
Principal Investigator: Dr James Carlson

Started: 01/01/2014 Ended: 07/01/2014

Data: [\\path\to\data\files](#)Reduced: [\\path\to\data\files](#)

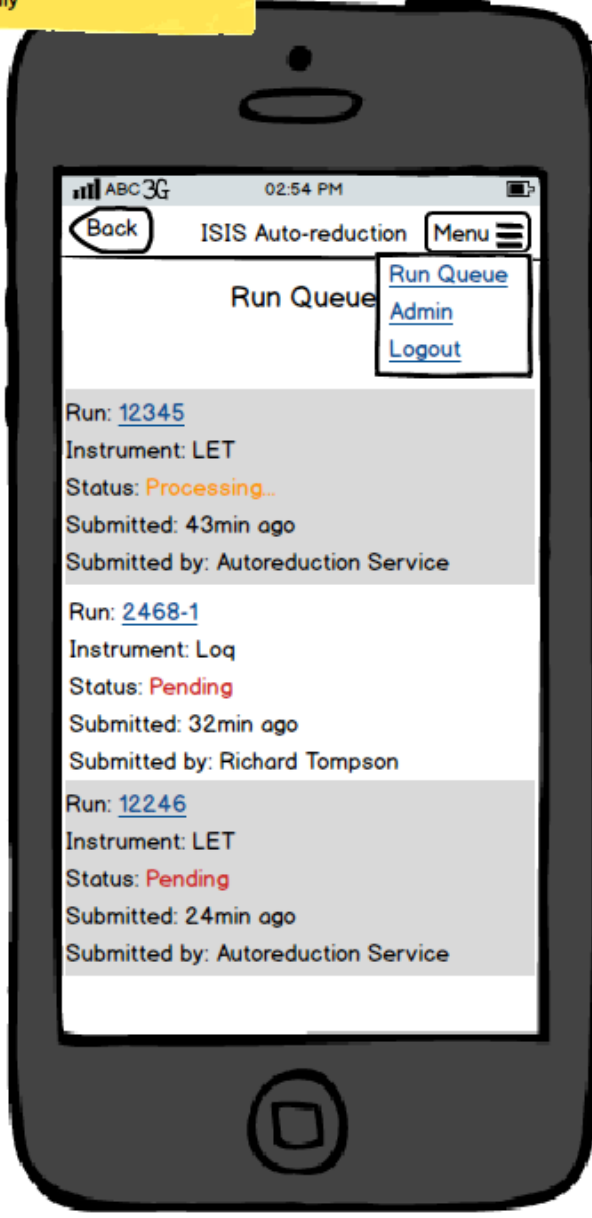
Runs (6)

Run Number	Status	Last Updated	Started By
<a href="#">12345-3</a>	Processing...	08/01/2014 12:20	Sarah Clarke
<a href="#">12347</a>	Complete	08/01/2014 10:55	Autoreduction Service
<a href="#">12346</a>	Complete	08/01/2014 06:13	Autoreduction Service
<a href="#">12345-2</a>	Complete	07/01/2014 18:53	John Smith
<a href="#">12345-1</a>	Complete	07/01/2014 16:22	James Goodway





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ABC 3G02:54 PM

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Run Queue

Run Queue

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Run: [12345](#)

Instrument: LET

Status: Processing...

Submitted: 43min ago

Submitted by: Autoreduction Service

Run: [2468-1](#)

Instrument: Loq

Status: Pending

Submitted: 32min ago

Submitted by: Richard Tompson

Run: [12246](#)

Instrument: LET

Status: Pending

Submitted: 24min ago

Submitted by: Autoreduction Service

ISIS Auto-reduction

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Run Queue

Run Number	Instrument	Status	Submitted	Submitted By
<a href="#">12345</a>	LET	<span>Processing...</span>	43min ago	Autoreduction Service
<a href="#">2468-1</a>	Loq	<span>Pending</span>	32min ago	Richard Tompson
<a href="#">12246</a>	LET	<span>Pending</span>	24min ago	Autoreduction Service

ISIS Auto-reduction

Welcome, Marcus | [Run Queue](#) | [Admin](#) | [Logout](#)

Current User Administrator

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Run Queue

Run Number	Instrument	Status	Submitted	Submitted By
<a href="#">12345</a>	LET	<span>Processing...</span>	43min ago	Autoreduction Service
<a href="#">2468-1</a>	Loq	<span>Pending</span>	32min ago	Richard Tompson
<a href="#">12246</a>	LET	<span>Pending</span>	24min ago	Autoreduction Service

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