

## The LOFAR Issue Tracker

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# The LOFAR Issue Tracker



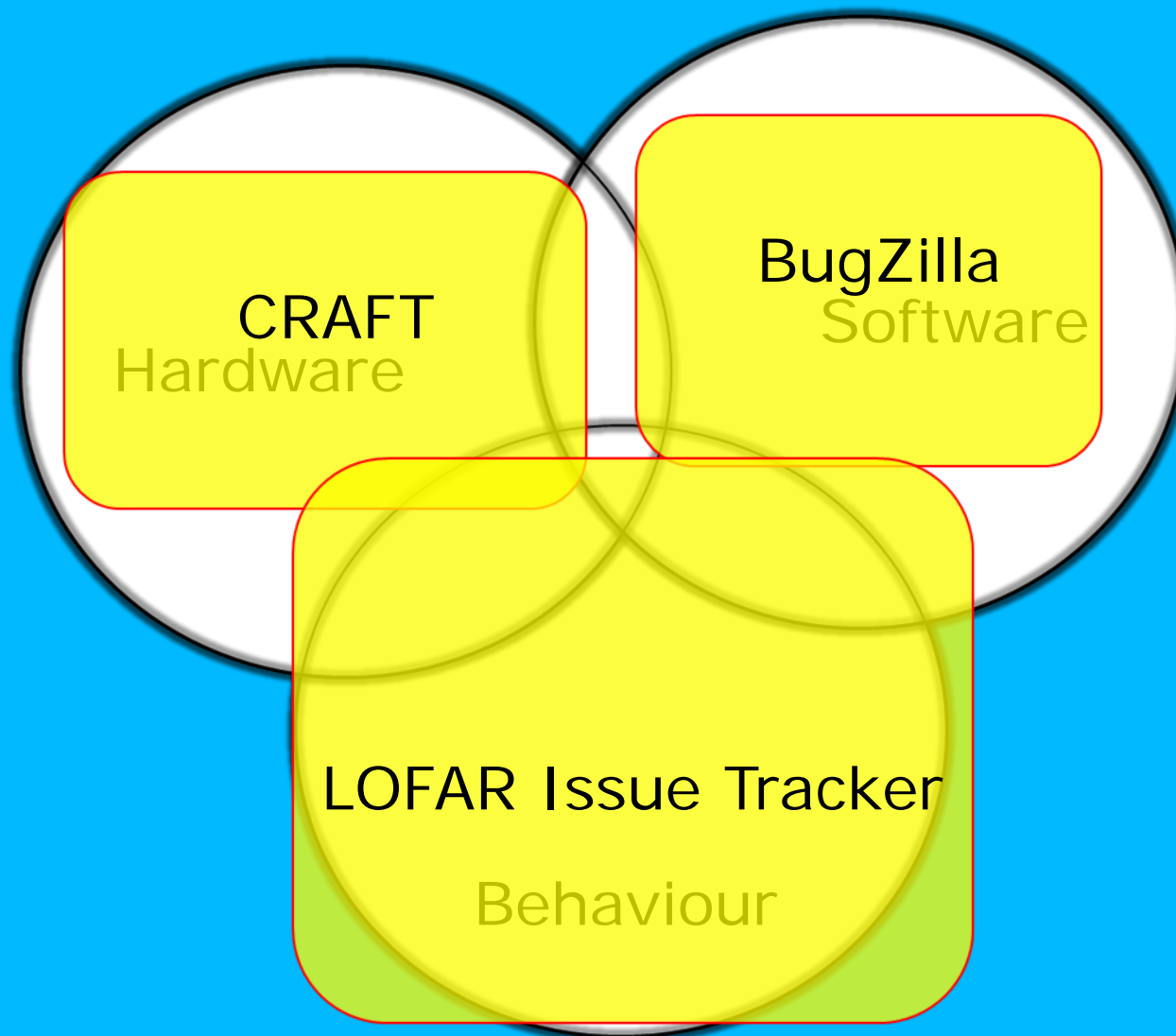
## What?

A software tool to dump & track **ALL** LOFAR related problems, bugs and feature requests (be it vague or specific)

## Why?

- People forget, databases don't (unless people touch them)
- Keep track of issue status, assignments, etc.
- Keep reporters updated of the progress of their issues
- LOFAR is a big project and much development ongoing
  - Organize the workforce and prioritize
  - Help to keep the planning up to date

# LOFAR Issue Tracker



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- What about CRAFT and BugZilla....?
  - CRAFT: strongly bound to hardware components, so will be used for tracking hardware maintenance
  - BugZilla: strongly bound to our Subversion repository for software projects, so will be used for detailed software issues in those repositories -> investigate migration
- Uncovered terrain so far (among others...):
  - General LOFAR issues (system problems, network/CNI, commissioning issues, documentation, etc.)
  - Pipeline software groups

# The LOFAR Issue Tracker



## Timeline of introduction:

- LCCG decided in Nov 2010 that we needed Issue Tracker FAST. Some people suggested Redmine ([www.redmine.org](http://www.redmine.org))
- Nov 2010 -> requirements document created, and compared to Redmine features; looked feasible for our needs.
- early Dec 2010 -> Redmine test installation and test session with small subgroup of users; Decision to go ahead by LCCG
- Jan 2011 -> Setup of production system (much help of Teun Grit!) and setup of internal organization
- end Jan 2011 -> Opened up for small group of users for first tests; all well! URL: <https://proxy.lofar.eu/redmine>
- 10 feb 2011 -> Opened up for LOFAR developers and users

# LOFAR Issue Tracker



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## LOFAR

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Overview Activity **Issues** New issue Gantt Calendar News Documents Wiki Files Settings

### Issues

▼ Filters

Status  Add filter:

Author

► Options

Apply

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Updated	Start date
<input type="checkbox"/> 94	TBB	Issue	New	Urgent	UDP ports assigned for triggers on CEP	Sander ter Veen		2011-02-22 15:53	2011-02-22
<input type="checkbox"/> 81	Observation Management	Issue	New	Normal	disable datastream of stations during observations	Jurjen Sluman		2011-02-21 10:36	2011-02-21
<input type="checkbox"/> 80	Data Quality	Issue	New	Urgent	blocks of bad subbands with 61-periodicity	Olaf Wucknitz	Michiel Brentjens	2011-02-18 12:02	2011-02-13
<input type="checkbox"/> 79	LOFAR	Issue	New	High	RSP board in frozen state	Menno Norden		2011-02-18 12:11	2011-02-18
<input type="checkbox"/> 78	ICDs	Issue	Verified	Normal	Integrate document title/ID into header/footer	Lars Baehren	Lars Baehren	2011-02-21 16:37	2011-02-17
<input type="checkbox"/> 77	TBB	Issue	New	Low	Other HBA modes then 110-190 MHz not yet supported for phase calibration by metadata	Martin van den Akker	Sander ter Veen	2011-02-17 11:58	2011-02-17
<input type="checkbox"/> 76	TBB	Issue	Accepted	Normal	DATA_LENGTH not set when TBB files are made	Martin van den Akker	Sander ter Veen	2011-02-18 12:19	2011-02-17
<input type="checkbox"/> 75	LOFAR	Issue	New	High	RSP boards jump into ERROR state	Michiel Brentjens	Menno Norden	2011-02-16 15:34	2011-02-16
<input type="checkbox"/> 74	LOFAR	Issue	New	High	Observation crashes if copying of settings to stations takes too long	Michiel Brentjens	Ruud Overeem	2011-02-17 15:20	2011-02-16
<input type="checkbox"/> 73	LOFAR	Issue	New	Urgent	Write script to detect PPS anomalies in RSP boards	Redmine Admin	Menno Norden	2011-02-16 12:16	2011-02-16
<input type="checkbox"/> 72	ICDs	Issue	Started	Normal	Organization/Structuring of this project	Lars Baehren	Lars Baehren	2011-02-17 15:29	2011-02-16
<input type="checkbox"/> 71	TBB	Issue	New	Normal	Imaging data not present when doing TBB observations from OTB	Arthur Corstanje	Wilfred Frieswijk	2011-02-16 10:19	2011-02-16
<input type="checkbox"/> 70	TBB	Issue	New	Normal	Too few data blocks in incoming TBB events	Arthur Corstanje	Arthur Corstanje	2011-02-18 12:15	2011-02-16
<input type="checkbox"/> 69	TBB	Issue	New	Low	Trigger count too low in 'one-shot' triggering mode	Arthur Corstanje	Pieter Donker	2011-02-16 09:55	2011-02-16
<input type="checkbox"/> 68	TBB	Issue	New	Normal	TBBs occasionally hang, requiring 48	Arthur Corstanje	Pieter	2011-02-18 12:46	2011-02-16

### Issues

- [View all issues](#)
- [Summary](#)
- [Calendar](#)
- [Gantt](#)

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# LOFAR Issue Tracker



## Redmine features:

- Discussion forum and Wiki build in
- Time tracking options
- Support for Subversion repositories

## Activities since opening:

- 45 users registered and activated
- 94 issues/features reported (5 closed so far...)
- Added subproject for each LCCG workgroup
  - Aids in subgroup meetings and LCCG planning
  - Added Issue Categories in some subprojects



# LOFAR Issue Tracker



- All people using LOFAR or working with LOFAR are encouraged to register!
- Info on LOFAR Wiki page:  
[http://www.lofar.org/wiki/doku.php?id=maintenance:lofar\\_issue\\_tracker](http://www.lofar.org/wiki/doku.php?id=maintenance:lofar_issue_tracker)
- (Under section "Maintenance", "LOFAR Issue Tracker")
- Issue Manager is Harm Munk (munk@astron.nl)
- Usage Questions, remarks, suggestions: Send to me (schoenmakers@astron.nl)

➤ *Wed Mar 9<sup>th</sup> 13:30 – 14:15, I will give a tutorial for all users (also through EVO, I hope).*



