

Development Process

The project management is important process for a software development which helps us to track activities and do a proper quality of the final product. For [Nsys Platform](#) project was applied processes in project management to identify particular tasks and track issues which were found during testing, in documentation to cover import information, and continuous integration to do effective way to build application, track particular builds and do automation testing during building process.

- [Project Management in JIRA](#)
- [Project Documentation in Confluence](#)
- [Continuous Integration in TeamCity](#)

Project Management in JIRA

The [JIRA](#) is used as a project management tool where are created particular tasks for implementation and is used for defects tracking during testing.

The screenshot shows the JIRA interface for the 'Nsys Framework' project. The top navigation bar includes 'Dashboards', 'Projects', 'Issues', and 'Agile'. The project name 'Nsys Framework' is displayed with its key 'NSYS', lead 'Tomas Hrdlicka', category 'Nsys', and URL 'http://www.nsys.org'. A sidebar on the left lists various project views: Summary, Issues, Road Map, Agile, Change Log, Popular Issues, Versions, Subversion, Components, Labels, Source, and Reviews. The main 'Road Map' section shows a list of upcoming versions:

- 2.0 (Anubis)** - Nsys Framework Gen2, Release Date: 02/Aug/13, with a 'Release Notes' link.
- 1.1 (Prometheus)** - Nsys Cloud Warehouse, Release Date: 01/Nov/13, with a 'Release Notes' link.
- 1.0 (Annunaki)** - Nsys Framework Gen2 (Java), Release Date: 02/Aug/13, with a 'Release Notes' link.

Below the 1.0 (Annunaki) version, a list of unresolved issues is shown:

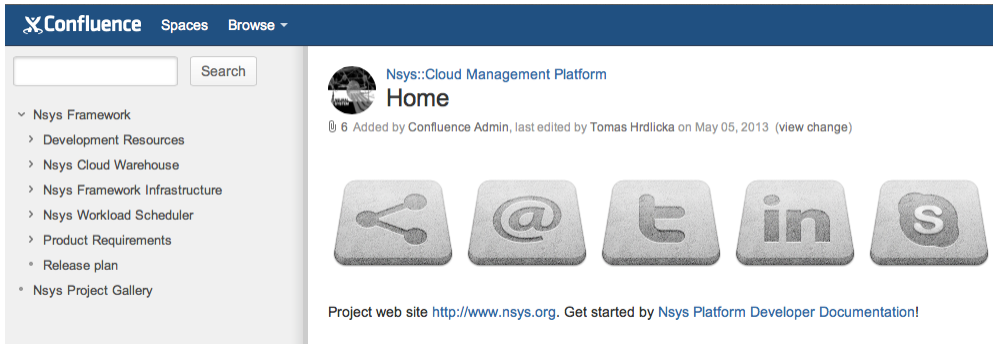
- NSYS-8 Unresolved Implement Cloud Collector
- NSYS-12 Unresolved Implement Twitter adapter for Cloud Collector
- NSYS-9 Unresolved Implement Zabbix adapter for Cloud Collector
- NSYS-6 Unresolved Implement nsys-bundle for daemon distribution
- NSYS-7 Unresolved Nsys Cloud Warehouse

The screenshot shows the JIRA interface for the 'Nsys Framework' project, specifically the 'Cloud Warehouse 1.0 - Sprint' view. The top navigation bar includes 'Dashboards', 'Projects', 'Issues', and 'Agile'. The project name 'Nsys Framework' is displayed with a search icon and 'QUICK FILTERS:'. A sidebar on the left lists various project views: EPICS, All issues, Nsys Daemon, Nsys Cloud Collector, Nsys Portal, and Issues without epics. The main 'Cloud Warehouse 1.0 - Sprint' section shows a list of issues:

- NSYS-2 NsysDaemon (Java) - 1.0 (Annunaki) - Nsys Daemon
- NSYS-10 Implement bootstrap launcher for Nsys Daemon - 1.0 (Annunaki) - Nsys Daemon
- NSYS-3 Implement plug-in manager for ManagementAgent comp - 1.0 (Annunaki) - Nsys Daemon
- NSYS-6 Implement nsys-bundle for daemon distribution - 1.0 (Annunaki) - Nsys Daemon
- NSYS-13 Nsys Scheduler (Java) - 1.0 (Annunaki) - Nsys Daemon
- NSYS-8 Implement Cloud Collector - 1.0 (Annunaki) - Nsys Cloud Collector
- NSYS-9 Implement Zabbix adapter for Cloud Collector - 1.0 (Annunaki) - Nsys Cloud Collector
- NSYS-12 Implement Twitter adapter for Cloud Collector - 1.0 (Annunaki) - Nsys Cloud Collector
- NSYS-11 Nsys Portal (Java) - 1.0 (Annunaki) - Nsys Portal

Project Documentation in Confluence

The [Confluence](#) is used as a tool for project documentation where is captured architecture specification, platform developer documentation, tutorials, and so on.



Continuous Integration in TeamCity

The [TeamCity](#) is used as a tool for continuous integration where is done build automation, unit testing and release deployment.

