



LCG Project Portal



Web based collaboration for LCG projects

D. Feichtinger / F. Orellana



- Benefits
- User features
- Administrative features
- Open Issues
- Status/schedule
- On-line use case 1: Administrator
- On-line use case 2: Developer
- How to get a project hosted



Benefits



- Totally web based
- Single entry point to project(s)
- Uniform access to project information
- Set up common web infrastructure for a project without coding



Feature: Bug Tracker



- Fields customizable for each project
- File uploads
- Audit trail
- Full text searches
- Cc forwarding



Feature: News System



- Messages can be displayed in threads
- Monitoring (automatic sending of email)
- Link detection
 - Transforms URLs to links
 - References to bugs/tasks get linked



Feature: Task Manager



- Sub-project/task hierarchy
- Tasks can be assigned to developers
- Tasks carry a deadline, etc.
- Tasks/bugs interdependencies



Feature: Personalized Interface



- A logged in user gets
 - a customizable personal entry page
 - display of current work status
 - User's bugs, tasks, ...
 - Monitored news threads
 - Bookmarks



Additional Features



- Consolidate project links
 - ViewCVS (, Doxygen, LXR, Bonzai, ...)
 - Homepage
 - Mailing lists (subscribe/unsubscribe)
- FAQ system (user/admin documents)
- Support manager
- Download area
- Patch manager



GUI



The screenshot shows a Mozilla browser window with the title "lcgappdev: Project Info - POOL - Mozilla (Build ID: 2002091016)". The address bar contains the URL "https://lcgappdev.cern.ch/savannah/projects/pool/". The browser interface includes a menu bar (File, Edit, View, Go, Bookmarks, Tools, Window, Help, Debug, QA), a navigation toolbar (Back, Forward, Reload, Stop), and a search bar. The main content area displays the "POOL - Summary" page. On the left, there is a sidebar with the LCG logo and navigation links for "fjob's account", "Projects", "Help", and "Search". The main content area features a navigation menu with links for "Public Areas" (Main, Homepage, Bugs, Support, Patches, Mailing, Lists, Tasks, News, CVS, Files) and "Developer Info" (Project Admins: dirkd, Developers: 3 [View Members], Group id: 9). The project details include: "Project Type: POOL projects", "License: GNU Lesser General Public License", "Registration Date: Dec 02, 2002", and "Development Status: 4 - Beta". A "Latest News" section titled "Savannah Project Portal" contains a message from "dfeich" dated "2002-Dec-03 13:13 - 0 messages", stating that the download area is not yet set up for the project. The browser's status bar at the bottom shows "Done".



Project Type Administration



- Name and description of this type
- Preferences common to one type of projects
 - Homepage, CVS information
 - List of status descriptions (e.g. alpha, beta, stable)
 - Download/upload area (faq) information
 - Allow use of other subsystems (patch manager, task manager, news, support request manager, bug tracker, FAQ)
 - List of available licenses (GPL, LGPL, ...)



Project administration



- Public information
 - Name, description, development status
 - Enable subsystems (bug tracker, patch manager, task manager, CVS link, news system, support tracker, FAQ system, download/upload area)
- Members
 - Task manager, patch manager, support manager:
none, tech, admin tech&admin
 - Project administrator



Project administration



- Bugs
 - Fields, values
 - Email notification
 - Global: List of 'external' email addresses who get all new bug submissions
 - Personal (techs+admins): List of 'Users to watch'
 - Personal(techs+admins): Detailed list of events that trigger email to you
- News
 - Delete postings



Project administration



- Task (subproject) manager
 - Add/delete subprojects
 - Make them public or private (logged in and member of project)
- Support manager
 - Interface similar to bug manager
 - Different default fields, simple (no assignment, priority, etc.), customized for user requests



Open Issues



- Integration with other SPI services
 - Common user database: Savannah, CVS, AFS delivery area
 - (CVS and delivery area directory structure)
- Full text search in bug database
- No show stoppers



Status/schedule

- Usable but still minor bugs and limited documentation – will be fixed gradually
- Launch February 2003. Until then, we will host only a limited number of projects
 - However, everyone can try out the system by registering a project as project type “test”
- Backups are being made, hosted projects will be supported and eventually migrated to production service setup



Use cases





How to get a project hosted



- Register as user
- Check if suitable project type exists (right-hand pane on front page)
 - If not, request creation of project type via the support manager (left-hand pane)
- Click “Register New Project” (left-hand pane)
- Fill out form