#define
Release Notes 4.4.2

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- **Enhanced Workflow Features**

- **Active Directory Group Integration**

- **PrimePortal Integration**

- **Full Text Search**

- **Speed Increases**

- **Improved Interface Usability**

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This release of #define includes 67 feature enhancements over version 4.2.0, giving users access to a wider range of functionality and increased control of their #define project. The #define team fixed over 200 defects identified in the last release.

Further information about the major changes is available as a set of PowerPoint slides from https://define.primeportal.com/.

Enhanced Workflow Features & Controls

We have improved the workflow visualisation, where the common status transitions are shown in a single vertical line, with less frequent statuses shown off to one side.

There is a new requirements handling workflow, which can be used to manage simple requirements gathering for small projects which are not using a dedicated requirements management system.

There are many new internal control facilities within the workflow engine, allowing custom workflows to restrict ticket actions to certain groups of users, or to restrict certain ticket updates or use of certain fields to particular user groups.

Active Directory Groups Integration

#define user groups can now have their membership controlled by an Active Directory group (either one in groupinfra, or one managed by PrimePortal). This means you can add all members of a particular Logica Office or department to your project without doing individual user management.

PrimePortal Integration

PrimePortal (the customer facing view of the delivery) is now integrated with #define 4. This allows new PrimePortals to be backed onto a #define 4 project, and preparations are underway to migrate existing portals to #define 4.

Full Text Search

Learning from the weaknesses of #define 3 relating to full text search, we have integrated a new search backend in the form of the Lucene based product Solr from the Apache Software Foundation. This is a widely accepted product utilised by many of the world's largest internet sites including Apple, Disney, NASA and CISCO. Solr will allow for full text search inside attachment and soon file archive contents. To read more about the new search backend of #define 4, visit the Solr website[1].

Speed Increases

We spent some time profiling the performance of #define and identified some key areas for improvement. The deep granular permission model can mean that queries returning a large number of results display slower than expected. This is already much faster in 4.4, and we'll be continuing this work.

Improved Interface Usability

There are a large number of incremental improvements to the User Interface, including the ability to modify ticket information directly from the Query Results page.

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References:

[1] Solr – Search platform (http://lucene.apache.org/solr/)