BigLever Software Gears Universal Configuration Management Bridge

Product Overview

BigLever's industry-standard Gears Product Line Engineering (PLE) Lifecycle Framework™ enables the integration of tools, assets and processes across the entire systems and software development lifecycle – from requirements to design, implementation, testing, maintenance and evolution. BigLever Software™ provides enhanced integration solutions that utilize Gears concepts and constructs to extend third party tools and ensure consistent PLE capabilities directly from the framework.

The BigLever Software Gears Universal Configuration Management (CM) Bridge™ allows companies to manage the evolution of product line assets over *time*, while the Gears PLE Lifecycle Framework efficiently manages the variations among the different products within the *space* of the product line portfolio. Thus, the integration of the Gears CM Bridge into the framework results in an elegant solution for managing both the variation in time and space for systems and software product lines.

The Universal CM Bridge enables easy integration of CM systems into the framework, automatically performing associated CM operations as the product line is developed using the Gears development environment.

More specifically, CM operations are executed when the following commands are performed in Gears:

- New common files or directories are created

- New variation points are created

- New Gears product line data files are created

- Existing common files or directories are converted into variation points

- Gears product line data or source files are edited

- Gears product line data files, source files, or source directories are renamed

The Universal CM Bridge also supports offline operations, which allows files to be modified when disconnected from the CM system. The Bridge comes with off-the-shelf integrations for prevalent CM systems and allows additional CM systems to be easily integrated into the Gears PLE Framework.

For more information regarding Gears PLE Lifecycle Framework integrations, see the Solution section of the BigLever website at www.biglever.com or call +1-512-426-2227.
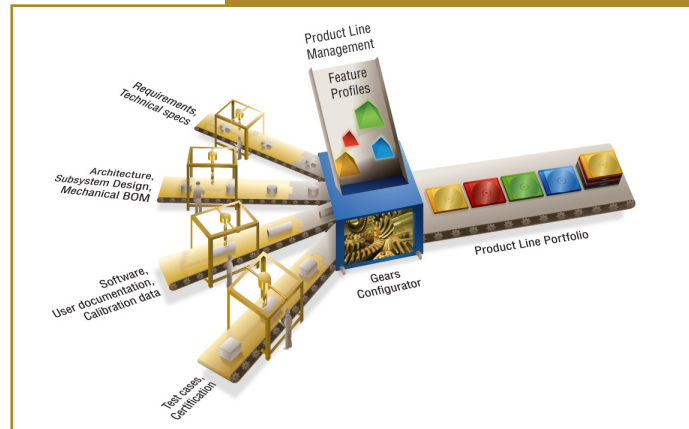

UNIVERSAL CONFIGURATION MANAGEMENT BRIDGE AT A GLANCE

Key Features

- Perform configuration management (CM) operations from within Gears
- Edit files in both online and offline mode
- Easily integrate additional CM systems utilizing data-driven connection files

Supported CM Systems

- ClearCase
- Synergy
- Rational Team Concert
- Serena Dimensions CM
- Perforce
- CVS
- Subversion

Product Versions

- Gears Version 5.5 and higher

Operating Systems

- Windows
- Linux
- Solaris
- Mac OS X

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