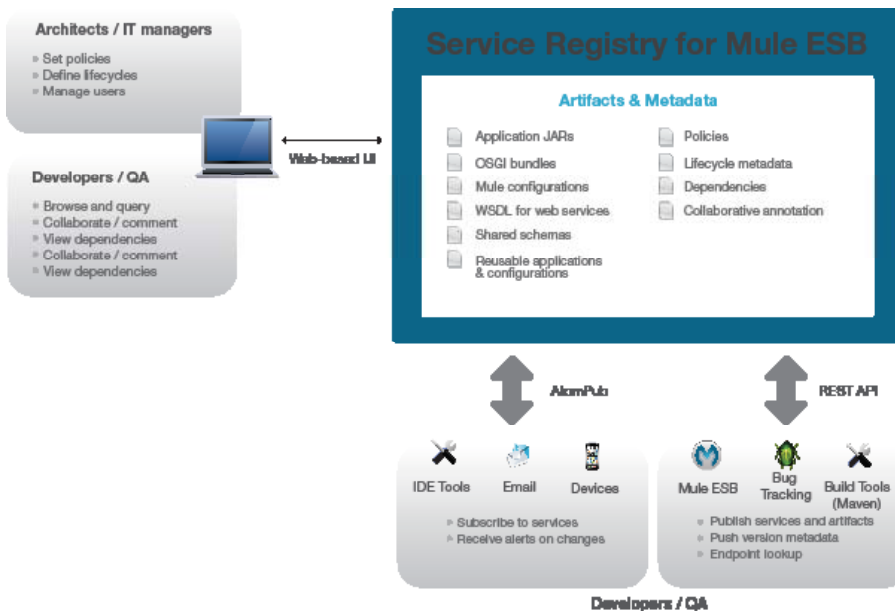


Mule ESB Enterprise – Service Registry

Overview

As service-oriented development practices flourish in the enterprise, and the number of in-use services and development artifacts continues to escalate, enterprises have increasingly realized the need for tools to help foster developer collaboration, govern development practices, and encourage the reuse of assets and services. The challenge has been getting development teams to adopt the processes and tools that make governance practices effective – traditional tools have focused on the needs of the CIO and architect, often at the expense of the developer.

Mule ESB Enterprise includes a service registry that development teams actually want to use. Providing a full complement of registry and repository features – including service and artifact management, governance, lifecycle and dependency management – the tool makes the lives of development teams easier, not more difficult. Leveraging a RESTful interface based on the Atom Publishing (AtomPub) Protocol, the service registry for Mule ESB seamlessly integrates with existing development tools and processes, helping to improve collaboration and productivity of development teams with no need to learn complex new processes or protocols.



The Developer-Friendly Service Registry

Visibility/re-use

Publish and discover services with versioning, metadata, tags, comments, and dependency information

Control

Use policies and lifecycle management to make sure applications meet specific requirements such as compliance or security constraints

Workflow

Powerful scripting console enables fully custom event driven workflows

Flexibility

Manage and version all types of artifacts such as Mule applications, Spring applications, Web/REST services, OSGi bundles, annotated services, as well as custom artifacts

Build

Integration with Maven and Eclipse allows developers to work with Mule Service Registry seamlessly and without friction

Reliability

Clustering and federated options mean that the registry will always be available in any location

Service Registry Features

Service and artifact management	<ul style="list-style-type: none"> Artifact and metadata storage (e.g., WSDLs, service metadata, Mule configs, Spring configs, JARs, documentation etc.) Version management and control Collaborative comments 	Dependency management	<ul style="list-style-type: none"> Automatic dependency detection Manual dependency specification Visualization of service dependencies
Publishing, indexing and discovery of services	<ul style="list-style-type: none"> Query via Web interface, HTTP Supports OpenSearch and Mule Service Registry query language Custom indexes via XQuery, XPath, Groovy View/publish/edit/subscribe to artifacts via Atom Publishing Protocol 	Federation capabilities	<ul style="list-style-type: none"> Remote workspaces—attach remote workspaces to a local instance for browsing and search Replication—copy workspaces across Mule Service Registry instances for advanced lifecycle management
Governance and lifecycle management	<ul style="list-style-type: none"> Policy enforcement User-definable lifecycle and workflow Scripting shell and event API for custom extensions and workflows 	Productivity and stability	<ul style="list-style-type: none"> Extensible query engine for index/search of custom artifact types Search support for annotations and documents in MS Office format Clustering for high availability and fault tolerance

About MuleSoft

MuleSoft is the Web Middleware Company. With iBeans, the lightweight and powerful Mule ESB, and the recently announced MuleSoft Tcat Server, MuleSoft brings simple yet powerful infrastructure to today's dynamic Web applications.

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