

ORACLE API MANAGER

EASILY CREATE, PUBLISH AND SECURE APIS

FEATURES

- Easily create and secure APIs that provide access to backend services
- Tight integration with Oracle Service Bus
- Supports REST and SOAP APIs
- Streamlined API editing and publishing
- Discover and understand APIs using the API Manager Portal
- Enables applications to subscribe to APIs
- Control runtime access to APIs
- Track performance of APIs

KEY BENEFITS

- Gain comprehensive, enterprise wide visibility into APIs, which minimizes redundancy, optimizes reuse, and improves ROI.
- APIs expose backend services and processes making them available to use in new applications.
- Oracle API Manager streamlines the developer experience of finding, understanding, and using APIs.
- Control access to APIs at runtime ensuring they are only accessed by authorized subscribers.
- Oracle Service Bus, an enterprise-grade service virtualization platform, provides a robust foundation for API Manager.

In today's world the landscape is changing for IT; while agility is required to innovate and compete in today's economy, the complexity and scale of new applications is unprecedented. Organizations are increasingly emphasizing REST- and SOAP-based APIs as a strategy to mitigate this risk. These organizations must provide visibility to the APIs that are available for use and control access to these APIs at runtime.

Create, Publish and Manage Your APIs

Business leaders expect new business solutions to come to market quickly while the complexity of these solutions increases dramatically. Not only have the scope and scale of these solutions expanded, significant portions of the solutions are increasingly implemented outside of the IT organization. Application Programming Interfaces (APIs) provide access to, and information about, back-end business processes. As the number of APIs an organization produces and uses increases, the management and visibility of these APIs becomes increasingly important.

Oracle API Manager facilitates the creation of APIs that expose the functionality of backend systems and services. These APIs are published for use by application developers and are managed and monitored at runtime. Oracle API Manager provides the following capabilities:

- Allows users to easily create APIs
- Provides the ability to secure APIs
- Enables easy API editing and publishing
- Facilitates the discovery and use of APIs
- Controls the access to APIs at runtime

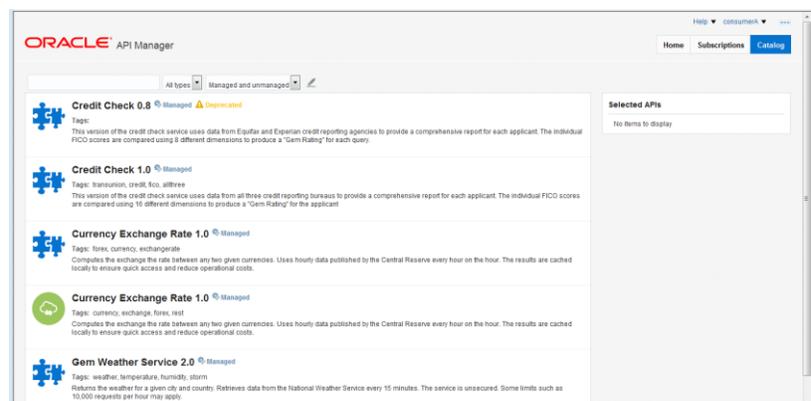


Figure: Oracle API Manager Catalog Page

ORACLE API MANAGER

Through a centralized catalog, API visibility, reuse, and runtime management provide the foundation to build business value and ensure success.

RELATED PRODUCTS

Oracle SOA Suite
Oracle Service Bus

Key Features

As an enabler for enterprise level API creation and visibility, Oracle API Manager leverages the following functionality to overcome common challenges and fundamentally change the way IT professionals work across the extended enterprise:

API Security

Comprehensive enterprise-grade security including transport-level security, message-level security, SAML, fine-grained authentication, Identity Management and more.

API Creation

Easily create REST and SOAP APIs that expose the capabilities of one or more backend services.

The Metadata You Want

The out of the box metadata model for APIs provides the technical and non-technical information you need to discover, understand, and use APIs.

Easily Edit API Metadata

Adding and updating metadata for APIs is easy with Oracle API Manager. Provide descriptive information for the API and link it to other external supporting information to facilitate the discovery, understanding and use of the API.

Simple API Publication

Once the metadata for an API is complete, the API can be easily published from Oracle API Manager making the API available for developers to discover and use.

Discover and Understand APIs

Use Oracle API Manager search to discover APIs of interest and examine their API Detail page to learn more about APIs.

Subscribe applications to use APIs

Use Oracle API Manager Applications to subscribe to APIs to get a runtime access key for the API.

Control API access at runtime

Oracle API Manager includes facilities for API key validation ensuring only authorized subscribers can access the API at runtime.

Monitor API performance

Oracle API Manager tracks the usage of APIs at runtime and provides statistics about API performance and activity.

Contact Us

For more information about Oracle API Manager, visit oracle.com or call +1.800.ORACLE to speak to an Oracle representative.



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Hardware and Software, Engineered to Work Together