webMethods SOPERA Adapter

Release Notes

---

webMethods SOPERA Adapter Version 7.1

Software AG is pleased to introduce webMethods SOPERA Adapter 7.1 (SOPERA Adapter). SOPERA Adapter provides service clients that support provider policies and ease of use in designing and maintaining your integrations with the SOPERA infrastructure.

SOPERA Adapter is a webMethods Integration Server adapter for integrating the webMethods Integration platform with your SOPERA infrastructure. Using SOPERA Adapter, you can create connections to your SOPERA Infrastructure and create adapter services that will invoke services that are on your SOPERA service bus. SOPERA Adapter is bi-directional and it helps SOPERA applications to interact with webMethods applications, using adapter listener notifications to expose any Integration Server service as a SOPERA service.

You can use Integration Server flow services or java services to call adapter services to interact with SOPERA. The adapter services use the SOPERA Service Backbone to invoke services exposed on SOPERA.

Summary of Major Features

Connectivity to SOPERA Infrastructure

SOPERA Adapter enables you to establish and manage connections to your SOPERA application. The adapter uses the SOPERA Service Backbone to manage communications between the Integration Server and the SOPERA Infrastructure. Through these connections you can create and run your SOPERA integrations.

Metadata Introspection

When you design your integrations, you use the adapter and its webMethods Designer screens to view services exposed on SOPERA. The adapter uses the SOPERA AdminTool to fetch metadata information about the SOPERA services and operations. Then you select the service you want to perform operations on from the list of services.

Template-Based Integration

SOPERA Adapter provides service templates that enable you to interact with the SOPERA services. This makes it easy to develop adapter services to interact with SOPERA services.

Service templates provide two different communication styles to invoke SOPERA services.

- One-way - A communication style in which the consumer sends a request message to the provider, but does not expect any response. The consumer does not get any information if the request has been successfully processed by the provider or not.
- Request-response - A communication style in which the service consumer sends a request message to the service provider; the provider processes the request and returns a response message to the consumer.The request-response operation can be invoked as a blocking or non-blocking call.

SOPERA-to-webMethods Communication

You can perform SOPERA-to-webMethods operations using the adapter's listener notifications. Adapter notifications help in exposing any Integration Server service as a SOPERA service and it also has options to register those services with the SOPERA service registry. Notifications are also template-based and you can configure any Integration Server service to be invoked from a SOPERA client.

Platform Support

For the most up to date information about the software and operating systems that the adapter supports, see the *webMethods Adapters System Requirements* document that is posted on the documentation site (http://documentation.softwareag.com/).