Search documentation

Appian

Publishing Process Models as Web Services

Appian 7.7

You can configure your process model so that it can be launched by a web service call. When the model is published as a web service, a WSDL is created that describes the parameters that must be passed and the protocol used to pass them. Authentication credentials must be passed as parameters to the web service.

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- Custom data types cannot be passed as parameters (variables required at the start of a process) to process models exposed as web services.

Publishing Process Models as Web Services

- In the Application Designer interface, select the **System** tab. The System Administration pages are displayed.
- In the left navigation, select **Web Services** > **Services**.
- On the **Services** page, click **Add Service**.
- Browse to select the process model you want to publish.
- Provide the **Service Name** and **Service Description** for the process model.
- Click **Publish**. The following WSDL URL is published for your process model.

    http://... /suite/webservice/processmodel/<SERVICE_NAME>?WSDL

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  <SERVICE_NAME> refers to the name you assigned previously (in step five).

Web Service Credentials

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- The username and password submitted when calling the web service must be those of the Appian user account that is intended to start the service.
- Usernames and passwords are passed in plain text. We strongly recommend using this feature with SSL enabled.
- The user account must (at a minimum) hold initiator rights for the process model that is exposed as the web service.
- Credentials used to start a process must be stored on the remote system. Take precautions to ensure that these credentials are stored secure
- Credentials stored on remote systems must be kept synchronized when user account passwords expire.
- If you have a third-pary Single Sign On (SSO) solution configured to restrict URLs by redirecting unauthenticated requests to the login page, t URLs for the web services (suite/webservice/*) must be excluded so that calls to the WSDL and endpoint are not redirected.

Removing a Published Process Model

- Select the published process model you want to remove. Click **Delete**.

Creating a UDDI Listing for Your Published Web Services

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If you have integrated a UDDI registry, you can list the published web service by creating a Business Entity.

Each process model that you expose as a web service, is then automatically registered with the UDDI server under the Business Entity you create.

Data Type Formats

The following formats must be used for date and date/time values passed to an Appian process using a web service.

Date

    yyyy-mm-dd

— For example —

    2010-06-23

Date/time

    yyyy-MM-ddTHH:mm:ss

- The letter Z must be appended to any date/time values to indicate that the time is offset from UTC/GMT/Zulu time.

— For example —

    2009-12-01T19:28:31Z

See Also

Call Web Service Smart Service

Call Web Service Smart Service