

Adding new web service connector to the RMP library

In order to add a new web service connector to the RunMyProcess platform it is necessary to have a RunMyProcess account. This can be a trial version or a full account. You will need the documentation for the API of the web service to be added.

To start, go to the Services /Connectors area in the Design section on the left hand navigation bar.



ADDING A NEW PROVIDER

You will see three tabs on the top of the main section on the screen.

Click on Providers and then click on NEW PROVIDER.

The provider will be used for all connectors available for this specific service. As you add multiple connectors you should use the same provider to regroup them all. Do not recreate duplicate providers as this will make your web connectors harder to find.



In the new screen that opens please add the name of Provider you would like to add. This should be a global name of the service or application, not the specific function. Ex. Salesforce, Google Calendars, Basecamp, etc.

Next, specify the URL of the server (usually supplied in API documentation). In this area you should include only the root part of the URL that would apply to all of the web services from a specific provider.

IMPORTANT: The URL of API MUST end with a backslash / or the connector will not work.

Specify the authorization type if this is needed for the web service. There are a number of choices. For a complete description of the different authorizations types, consult the document in the RunMyProcess user guide that can be found at this link:

<https://sites.google.com/a/runmyprocess.com/user-guide-runmyprocess/PROVIDER-TAB>

If you have a test server, you can specify a different for testing purposes. If not, leave this area blank.

Next select Usage Rules, if you want to limit the number of requests to the server.

Finally, please enter a description of the application and what can be done with the web service. This will make it much easier to understand what your service provides.

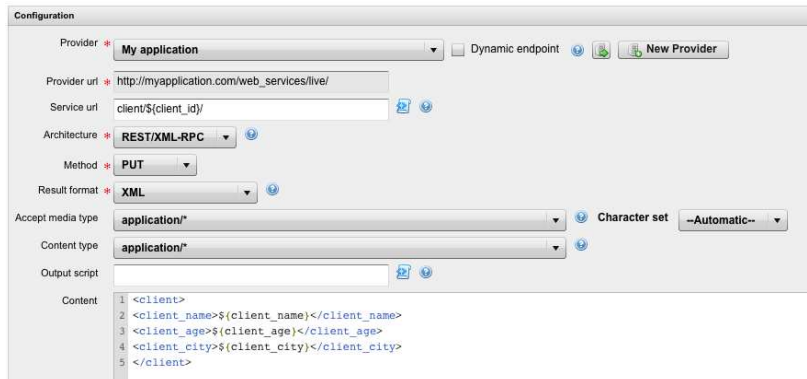
SAVE THE CONFIGURATION OF THIS STEP BY CLICKING ON DISK. This is necessary to continue. Once saved you are sent to the next step.

ADDING A NEW SERVICE CONNECTOR TO THE PROVIDER

Next, click on NEW SERVICE

Now you should configure the new service. You can add multiple connectors to each provider, but you will add them separately and assign them to the provider.

Enter a title: this is the title of the connector. This describes the function. For example: Add a new client, create a new entry, write to... etc



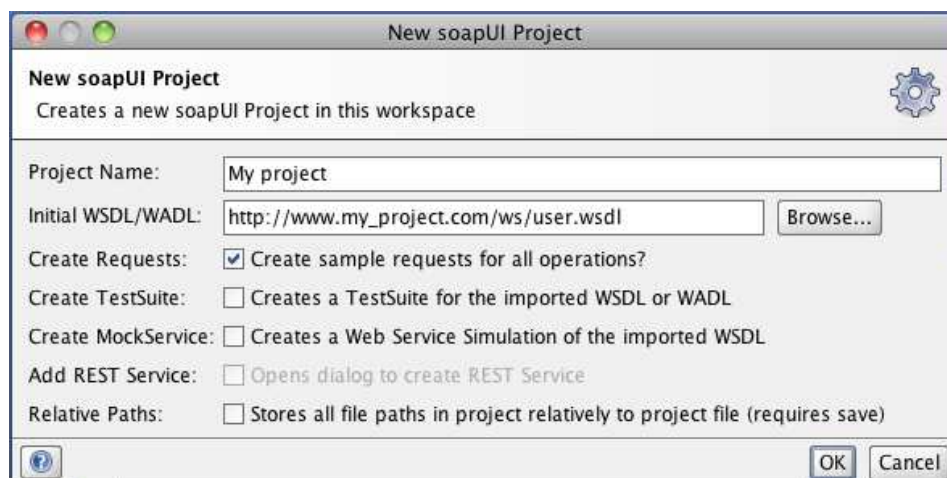
Add the service URL, this is the remaining portion of the URL after the root URL you entered when adding the provider. In the URL you often have a client ID or other element that varies. Everything that is variable in a link it should included in `${xxx}`

There are two types of services that you can add: SOAP web services or REST/XML-RPC web services.

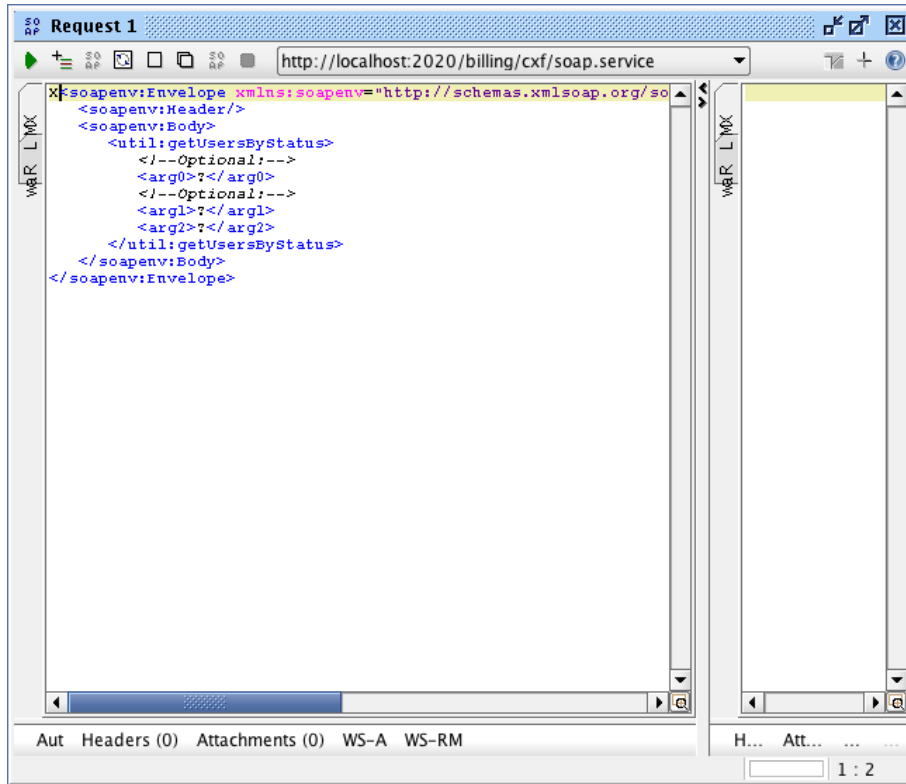
SOAP web services

If you want to add a SOAP web service, here is the easiest way to proceed:

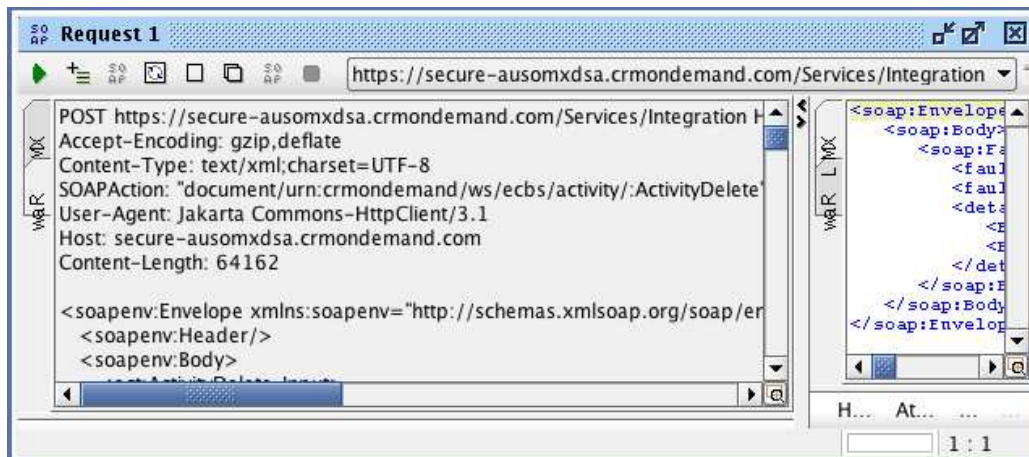
Download the free version of soapUI on [this page](#). Once you have installed the software, click on 'File -> New soapUI Project' and enter the WSDL file or url of your web services. Select 'Create sample requests for all operations?' and click on 'OK' to create all the requests. Now just copy and paste the content of the requests into the content of your web service in RunMyProcess.



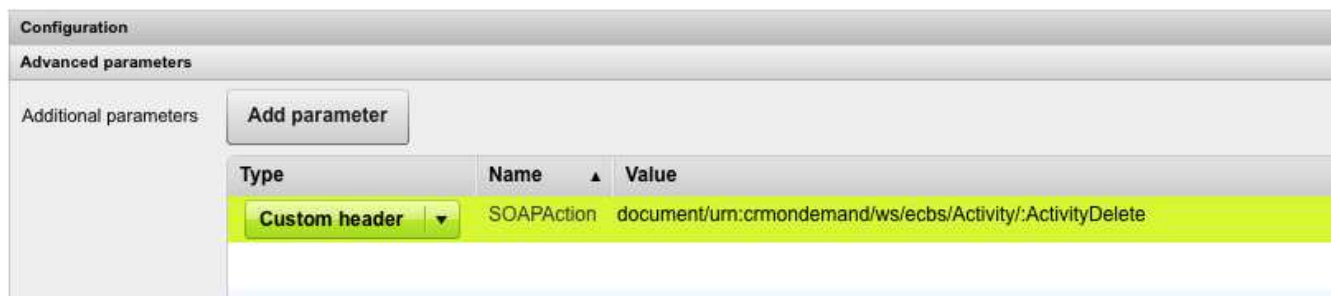
You also have to retrieve the SOAPAction header. To do so, launch the request with soapUI by clicking on the green arrow in the window of the request.



Then click on 'Raw' to find the value of the SOAPAction header

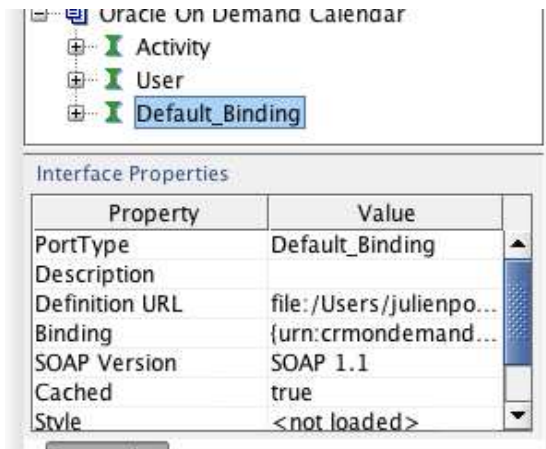


Copy the value of the SOAPAction header and add it to your web service in RunMyProcess



Set the 'Architecture' to 'SOAP 1.1' or 'SOAP 1.2'. The SOAP version of your web service can be found

when you select on the objects of the web services



Then set the 'Accept media type' and the 'Content type' to 'application/*', the 'Result format' to 'XML' and 'Method' to 'POST'. Your SOAP web service is configured.

REST/XML-RPC web services

Specify the architecture type, method, format of returning data (language) and format of returning data (media type). There is an additional resource available if needed that includes more details of the types of architectures, methods etc used in configuring your connector:

<https://sites.google.com/a/runmyprocess.com/user-guide-runmyprocess/SERVICE-TAB>

If the method chosen was POST or PUT, fill in Content field with the information of what information should be sent specified by the API documentation. The 'Accept media type' parameter corresponds to what would be in the 'Accept' HTTP header of your web service.

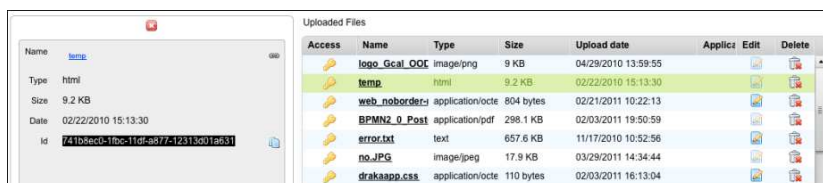
ADVANCED PARAMETERS

If there are custom headers or cookies to add specify this in the advanced parameters (API version, etc..)

Adding a file

If you would like to send a file during the process or with the connector, it is necessary to upload the file to the RunMyProcess platform first. This is found in the left hand navigation in the Desktop Section under Files.

When adding an attached file, ATTENTION, be sure to include the file ID use the ID number associated with upload files as shown in this screen shot.



If you want to send a file that you recover from another web service, in this case the File ID is the result of

the web service \${P_result}

PLEASE add the description explaining specifically what this web service does and all of the parameters needed or used by the web service. Document well and this will help people connect to your web service! Ex date, what is the date, what is the format... don't make them guess!

State	Name	Provider	Description
	GetItem	JBilling RMP	
	Authorize POST	Dropbox website	
	Get child lanes of a lane	Runmyprocess Internal services	Get child lanes of a lane
	Authorize GET	Dropbox website	
	Get Account info	Dropbox OAuth	Get account info
	Get Account info	Dropbox OAuth	Get account info

SAVE by clicking on disk. This is important to continue.

Testing your web service connector

A very important step is testing your web service connector.

Click on Test



Click on Launch Test



You will see a screen listing required variables.

Launch test

Parameters Service details

Provider My application

Service Mofidy a client

[Add a variable](#)

Variable	Type	Value
client_age	Value	
client_city	Value	
client_id	Value	
client_name	Value	

Enter them to test.

Launch test

Parameters Service details

Provider My application

Service Mofidy a client

[Add a variable](#)

Variable	Type	Value
client_age	Value	43
client_city	Value	Paris
client_id	Value	1248291



Then Click on Launch Test
In the Results tab you will see the results in text format

```
Result Processed result
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Frameset//EN" "http:
2 <html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en
3 <head>
4 <title>myapplication.com</title>
5 <meta http-equiv="content-type" content="text/html" />
6
7 </head>
8 <frameset rows="100%" id="dd_frameset_0001">
9 <frame src="http://stage.smartname.com/stage/myapplication.com/
10 <noframes>
11 <body>
12
13 <br />
14 </body>
15 </noframes>
16 </frameset>
17 </html>
```

And in process results you will see the mapped results

Parameter	Value
▼ P_header	
Connection	Keep-Alive
Content-Type	text/html; charset=utf-8
Date	Wed, 30 Mar 2011 10:54:18 GMT
Keep-Alive	timeout=15, max=100
Server	Apache/2.2.8 (Ubuntu) mod_perl/2.0.3
Transfer-Encoding	chunked
▼ html	
@lang	en
► frameset	
▼ head	
► meta	
title	myapplication.com

NEXT: Publishing your service connectors on RunMyProcess!

Currently the web service connector you've added is only available on your account. If you'd like to publish the connector to the public library available to all users you can do this.

After test, Change status to Live, in the list of services, click on Publish AND send as an email to let us know this has been done support@runmyprocess.com Explain how we can test your web service. Once we have tested the new connector we will publish it on the RMP platform for all users. And add it to our web site so visitors can see the new support for your application!

State	Name	Provider	Description	Updated	Publish	Delete
	GetItem	JBilling RMP		04/07/2010 11:04:03		
	Authorize POST	Dropbox website		06/16/2010 18:31:03		
	Get child lanes of a lane	Runmyprocess Internal services	Get child lanes of a lane	03/18/2011 17:50:22		
	Authorize GET	Dropbox website		06/16/2010 15:39:11		
	Get Account info	Dropbox OAuth	Get account info	06/16/2010 19:17:20		
	Get Account info	Dropbox OAuth	Get account info	06/17/2010 19:47:34		
	Get the lanes of a user	Runmyprocess Internal services	Get the lanes of a user	03/18/2011 17:50:19		

