

SoapUI: SOAP API Manual Testing

In this lesson, we will explore and learn the SOAPUI tool for manual testing.

We'll cover the following ^

- What is SoapUI?
- Using SoapUI

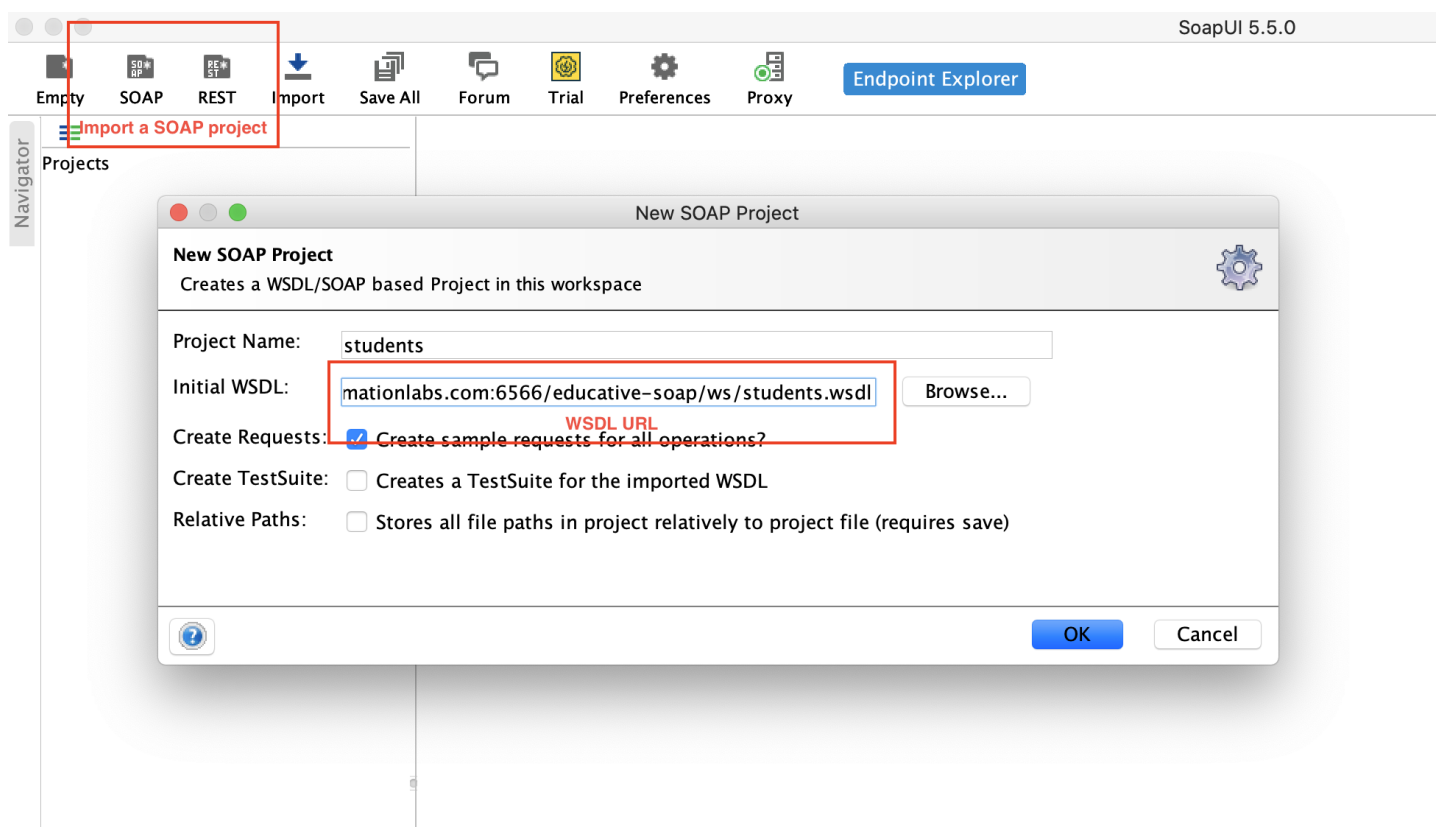
What is SoapUI?

SoapUI is a tool for manually testing SOAP web services and REST web services. You can send the request with or without metadata depending on the request parameters and analyze the received response from the server.

SoapUI provides both an open-source version and a professional one. Both versions can be downloaded from [here](#).

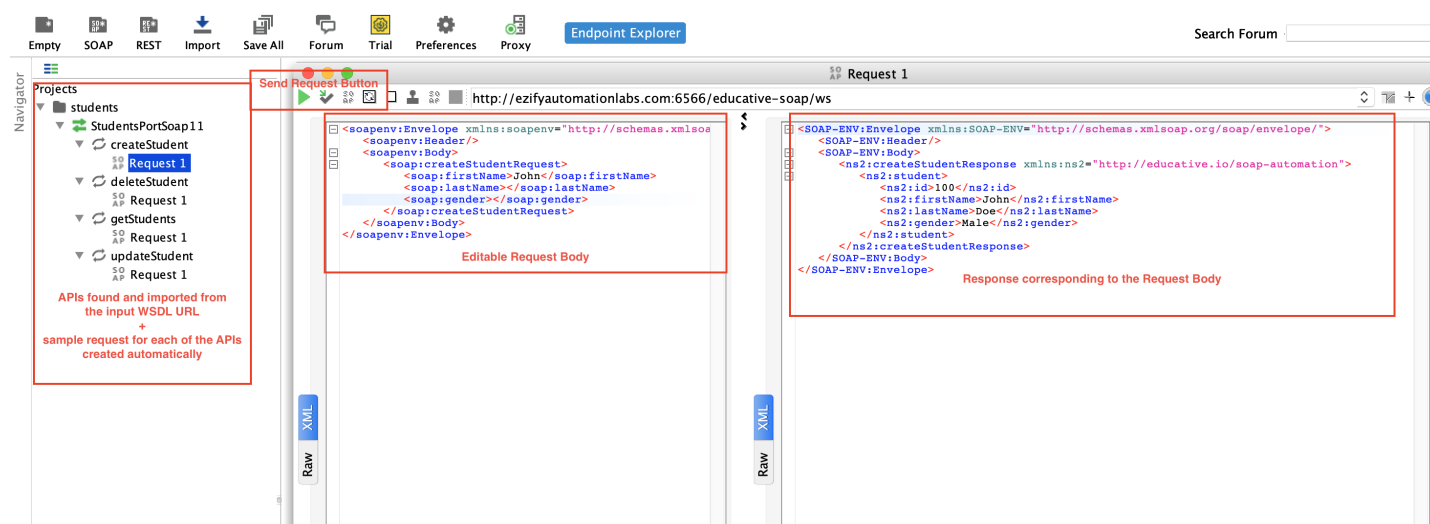
Using SoapUI

The following image shows the first-time launch of SoapUI tool:



First, we import/create a project by providing a WSDL document URL in **Initial WSDL** or choose an already-saved XML document using the **Browse** button.

After the project is created, **SoapUI** automatically creates 1 sample request for each of the APIs found in the WSDL document that corresponds to the actual request body, as shown in the following image:



Each of the requests is editable and we can modify the request before hitting the **Send Request** button. By default, all the fields in the request will have a **?** placeholder which should be removed before sending the request.

Once the request body is filled with the information to send to the server, we click on the **Send Request** button as highlighted in the image. We will then receive the response which is displayed on the right pane of the screen.

In the next chapter, we will learn about the sample framework included with this course which can be extended and reused for automating any API project.