SoapUI Guide

SoapUI: Installation

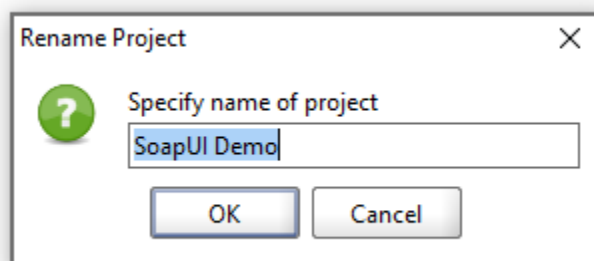- Installation Link: https://www.soapui.org/downloads/soapui/
- Installing SoapUI on Windows: https://www.soapui.org/getting-started/installing-soapui/installing-on-windows/
- Installing SoapUI on Mac: https://www.soapui.org/getting-started/installing-soapui/installing-on-mac/
- Installing SoapUI on Linux/Unix: https://www.soapui.org/getting-started/installing-soapui/installing-on-linux-or-unix/
- Note: make sure you select "SoapUI Open Source" and not "ReadyAPI." ReadyAPI is Smartbear's commercial product, which requires a paid license.

SoapUI: Project Creation - REST

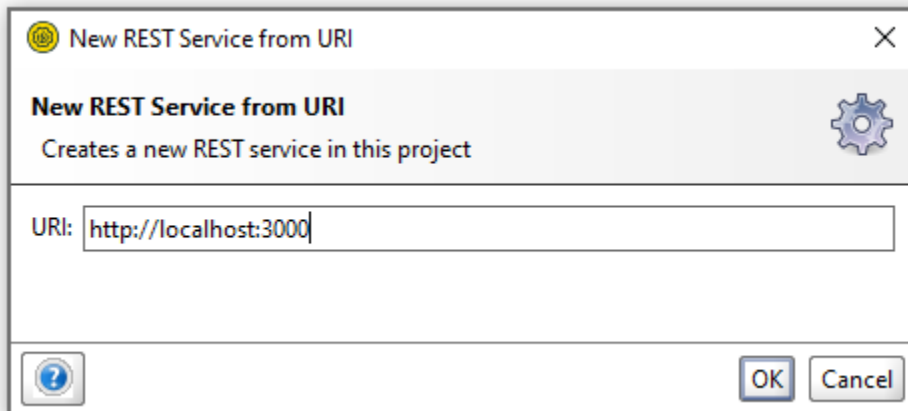The following steps outline how to create a new project in SoapUI:

- Start SoapUI
- Click the "Empty" icon from the top menu.
- A new project should appear under the "Projects' section with a name of "Project <number>."
- Right-click "Project <number>" and rename it to something that represents the project you are working on.
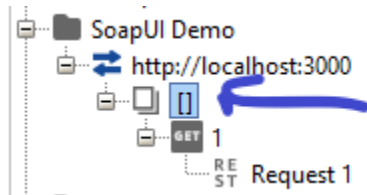
Exhibit A. New SoapUI Project

- Right-click the newly renamed project and select "New REST Service From URI." In the "New REST Service from UI" dialog window, enter **http://localhost:3000** and select "OK."
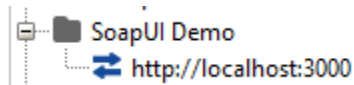
Exhibit B. New REST Service from URI

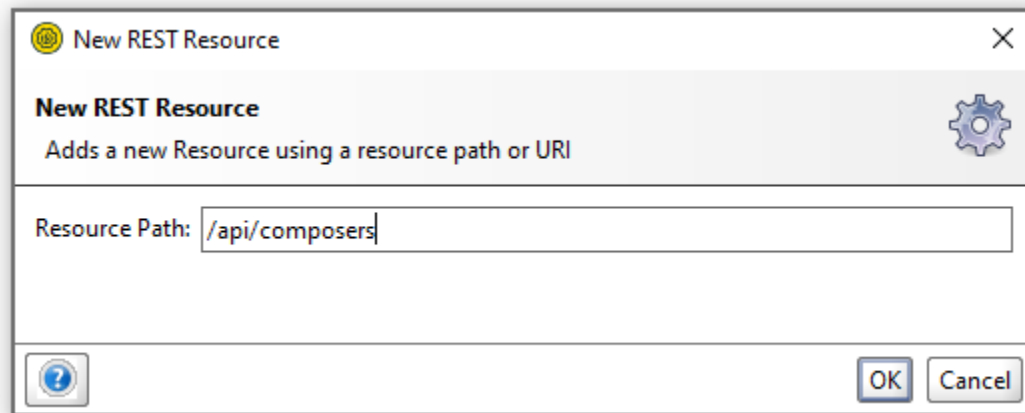- Once the resource has been added, right click the opening and closing brackets and select delete.
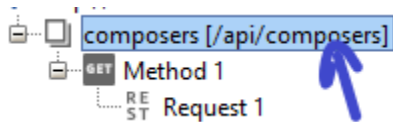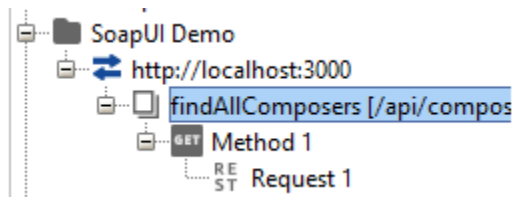
Exhibit C. Delete brackets from the project

Exhibit D. Results from deleting the brackets from the project

- Right-click http://localhost:3000 and select "New Resource."
- Under the "New REST Resource" dialog enter the path to the API you wrote in Node.js. For example, **/api/composers**
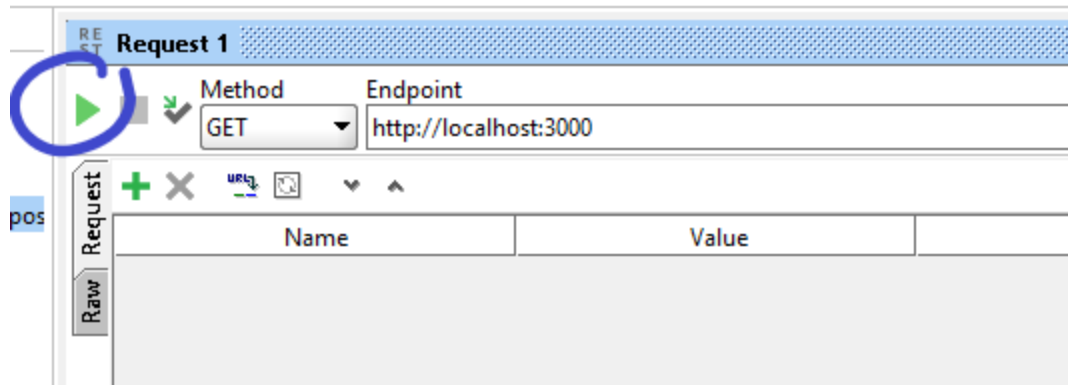
Exhibit E. New REST Resource

- Under the "Method" select menu, choose the HTTP protocol your API was built on. For example, GET, POST, PUT, or DELETE.
- To rename the "REST Resource," right-click the operation and select "Rename."

Exhibit F. Rename Operation
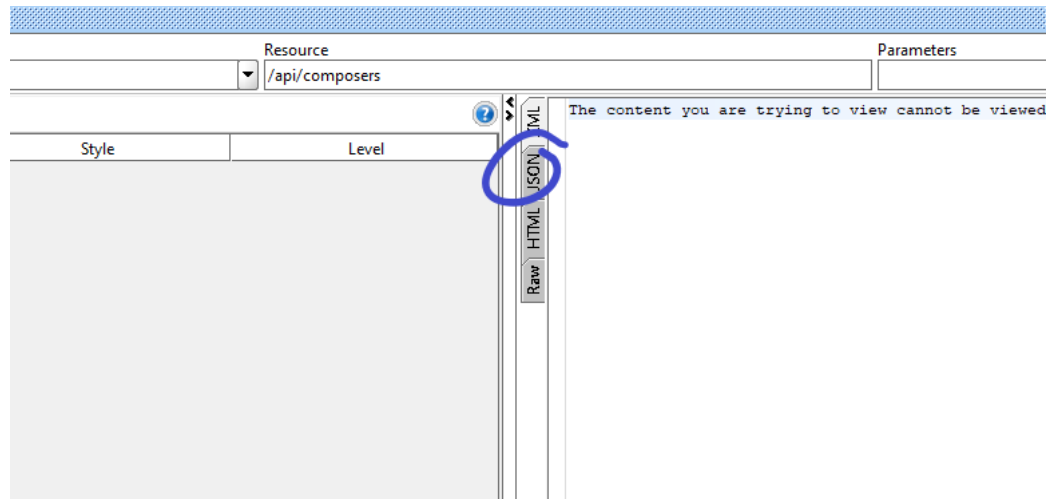

Exhibit G. Renamed Operation

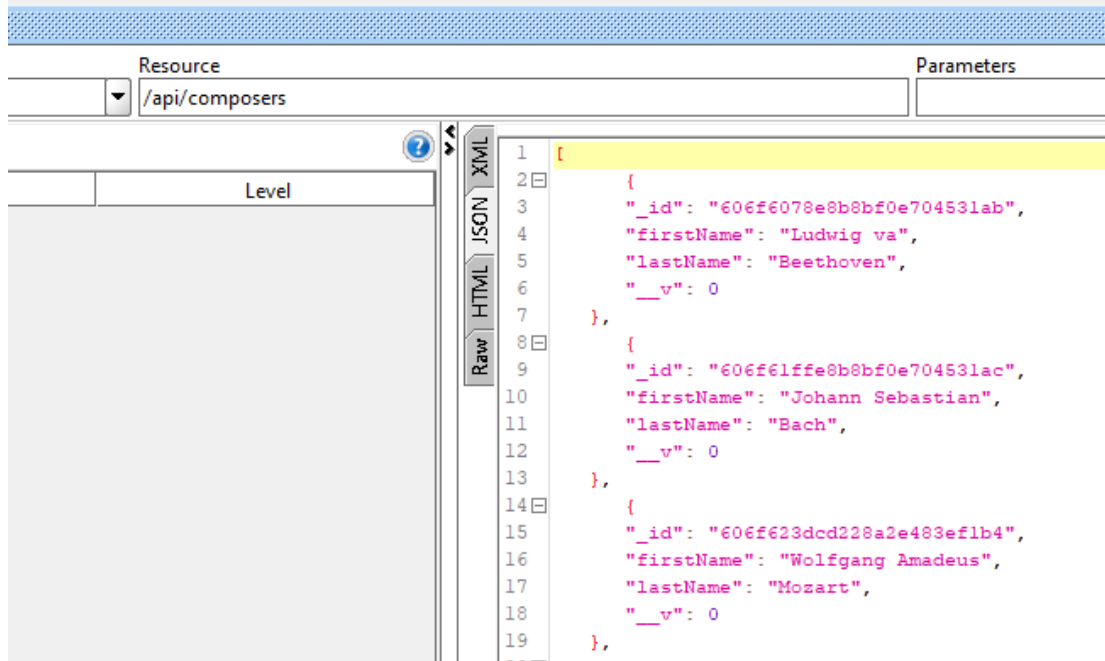- To test the operation, select the "Green" play icon.

Exhibit H. Run Operation

- Select the "JSON" tab from the right section of the Request screen.
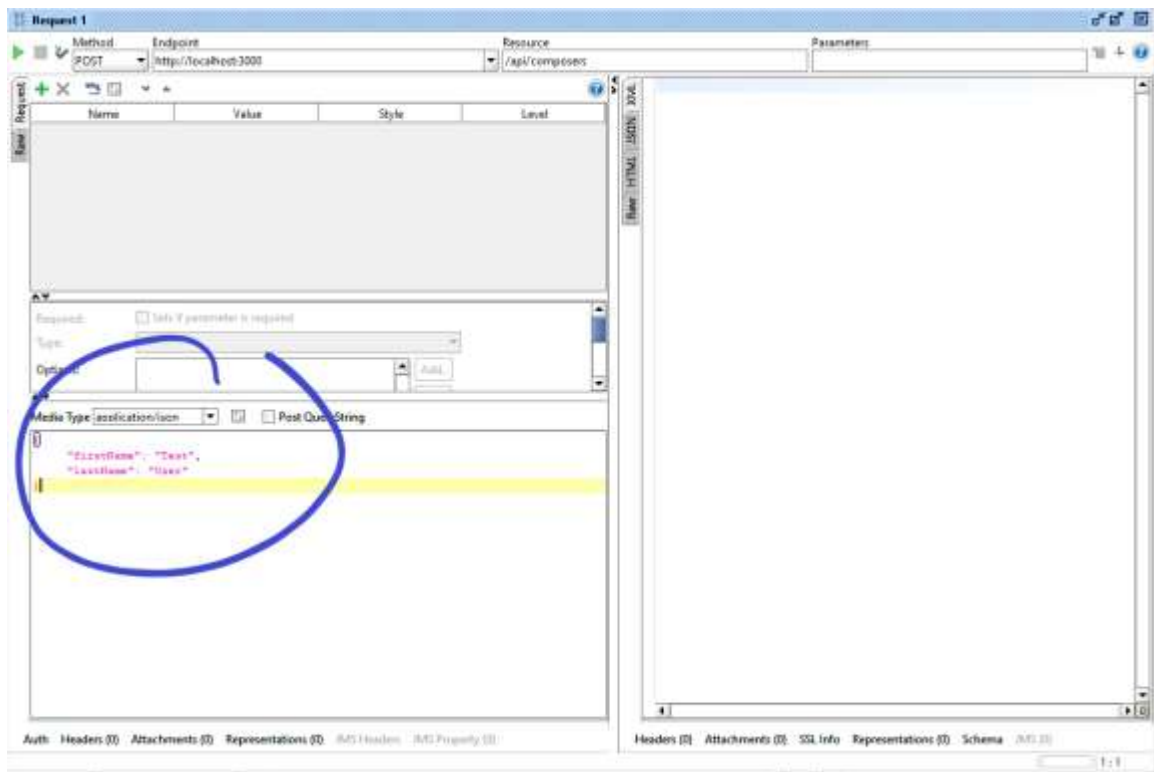
Exhibit I. JSON Tab

Exhibit J. Response

SoapUI: HttpPost

The following steps outline how to invoke an HttpPost request:

- Right-click the URL **http://localhost:3000** and select "New Resource."

- Under the "New Resource" dialog enter the path to the Node.js post request. For example, **/api/composers**

- Rename the operation by right-clicking the newly added resource.

- Under the "Method" select menu, choose "POST."

- A new section should appear under the "Media Type" select menu. This is where you can add the JSON for an HttpPost and/or HttpPut request.

Exhibit K. HttpPost body

- To run the operation, select the "Green" play icon.
- To view the results, select the JSON tab under the right-side of the request window.

Exhibit L. HttpPost Response