

ReadyAPI

Last updated by | RABL Daniela | Jun 15, 2022 at 2:53 PM GMT+2

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Overview

ReadyAPI is a tool that allows teams to test their APIs by creating requests for functional, security, and performance tests. Furthermore, teams can virtualize APIs by configuring possible requests and responses of the real API. This virtualization can then be used to test newly developed features locally or can be deployed to a server to be accessible for various testing tasks.

Postman vs ReadyAPI

Postman and ReadyAPI (formerly SoapUI Pro, LoadUI Pro, & ServiceV Pro) are API testing and development tools. Postman is designed as a centralized platform for teams to develop, test, and manage their APIs. ReadyAPI is more tightly focused on testing, with features aimed at helping teams create, maintain, and execute test suites.

API Virtualization

An API can be created by importing. ReadyApi will create all possible requests from the imported file. [more information about API Virtualization](#)

Setup Test Data

To setup your test data, go to your virtual API, select the request you want to add data to and click on Add Response.

IO Days Chameleon

- APIs
 - Functional Tests
 - Security Tests
 - Performance Tests
 - APIs (Virtual)
 - SOAP SvcChamaeleon

SOAP Virtual Service Properties

Custom SOAP Virtual Service Properties

Endpoint	Type	Response	Action
GetItemDetailList	Script	1234567 7654321	+Add Response
GetItemEventExternalPresentation	Sequence	Response 1	+Add Response
GetItemDetailList	Script	1234567 7654321	+Add Response
GetItemRedirectionList	Sequence	Response 1	+Add Response
GetNextPickupOrderDate	Script	Response 1	+Add Response

After naming the response, go to the edit tab in the right window.

SOAP SvcChamaeleon

00:38:42 Received: 23 Sent: 23 URL: http://localhost:8088/

Setup Behavior Transaction Log Auth Data Sources Coverage

Site Options

Search

Search

All

Incoming Dispatch Style Outgoing

GetItemDetailList

Script

1234567

7654321

Response 1

+Add Response

GetItemRedirectionList

Sequence

Response 1

+Add Response

Response 1

Response

- Edit
- Script
- Attachments (0)
- WS-A
- Headers (0)
- Coverage
- Data Source
- Properties
- XSD
- Doc

If you created the virtual API by importing, you will already have a full xml response with all possible properties.

Then you just have to fill in the data you want to be returned.

Response 1

Response

▼ Edit

HTTP Status Code: 200 - OK

XML Raw Outline Form

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:tem
  <soapenv:Header/>
  <soapenv:Body>
    <tem:GetItemListResponse>
      <!--Optional:-->
      <tem:GetItemListResult>
        <!--Optional:-->
        <base:Informations>
          <!--Zero or more repetitions:-->
          <base:ScProcessInformation>
            <base:Code?</base:Code>
            <!--Optional:-->
            <base:Data>
              <!--Zero or more repetitions:-->
              <arr:KeyValueOfstringstring>
                <arr:Key?</arr:Key>
                <arr:Value?</arr:Value>
              </arr:KeyValueOfstringstring>
            </base:Data>
            <!--Optional:-->
            <base:Description?</base:Description>
            <base:Severity?</base:Severity>
          </base:ScProcessInformation>
        </base:Informations>
        <base:Status?</base:Status>
      <cham:Items>
        <!--Zero or more repetitions:-->
        <cham:ScItemBase>
```

You can configure your request to return different responses depending on the incoming request by selecting and configuring a dispatch style. For more info about the different dispatch styles go to the [ReadyApi documentation](#)


Chamaeleon Api

We created a new project for mocking data from the chamaeleon service at the innovation days on June 14th & 15th. The requests GetItemList and GetItemDetailList already have some response data and the dispatch is configured. However, as of now, the dispatch script only works for single items, the script will not work yet if you request a list of items.

To add new response data, you just have to clone an existing response and fill in your required data. **Important:** in order for the dispatch script to work, you must name the response after the ItemId/Identcode!

Dpuplicate Response:

☐ GetItemList






Script




Configure


1234567

7654321

+Add Response





 Remove VirtAction

Hosting

TBD