SOAP API tutorial using SoapUI

deprecated

> ⓘ **SOAP API is deprecated**
>
> Please note that we announced deprecation of the SOAP API already a while ago in the product release notes. This documentation is therefore marked as DEPRECATED.
> See Api Reference - Introduction REST for the REST API reference which should be considered as the successor of the SOAP API.
>
> Following tutorials can be considered as updated versions of this page: REST tutorial using Postman, REST tutorial using SoapUI
>
> Repeating here also how SOAP discontinuation was published in the release notes:
> We declared SOAP as deprecated and therefore SOAP will not be included in versions after 21.76 (already postponed by one year, initially the 20.76 was announced). Latest release including SOAP API for eSAW will be 21.76, released in spring 2022 and with the software maintenance on 21.76 until spring 2024.
> Therefore, we recommend REST technology for integration. Please see also the migration guide.

This eSignAnyWhere API with SoapUI will show you how to send your first envelope via SoapUI, a free SOAP tool for testing web services. It will show you how to configure SoapUI, test the eSignAnyWhere API, upload a document, prepare an evelope and download the signed file.

Please also see the developer mode for this tutorial here: Visit the developer mode.

- ○ Download and install SoapUI
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Download and install SoapUI

First you should install SoapUI on your computer. Visit www.soapui.org to download the current version of SoapUI OpenSource. You don't need to download or buy the commercial version of it, because the Open Source version is for this sample enough. After downloading SoapUI install it on your computer.

Resources for the Sample

Tutorial PDF	eSignAnyWhere_Tutorial.pdf
WSDL	`https://`www.significant.com/api.asmx?WSDL
Download XML Call Samples	SoapUI-Sample-XML.zip

Configure SoapUI Endpoint

Create new SOAP Project, enter a project name and the eSignAnyWhere WSDL (`https://`www.significant.com/api.asmx?WSDL) and press OK.

Then the WSDL is read and the SOAP functions are listed on the left.
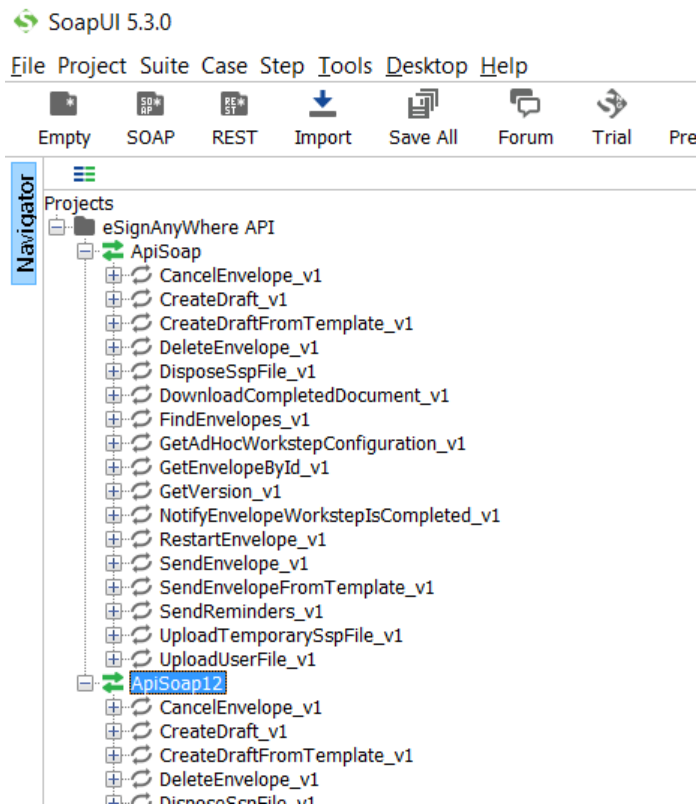
First SOAP Call

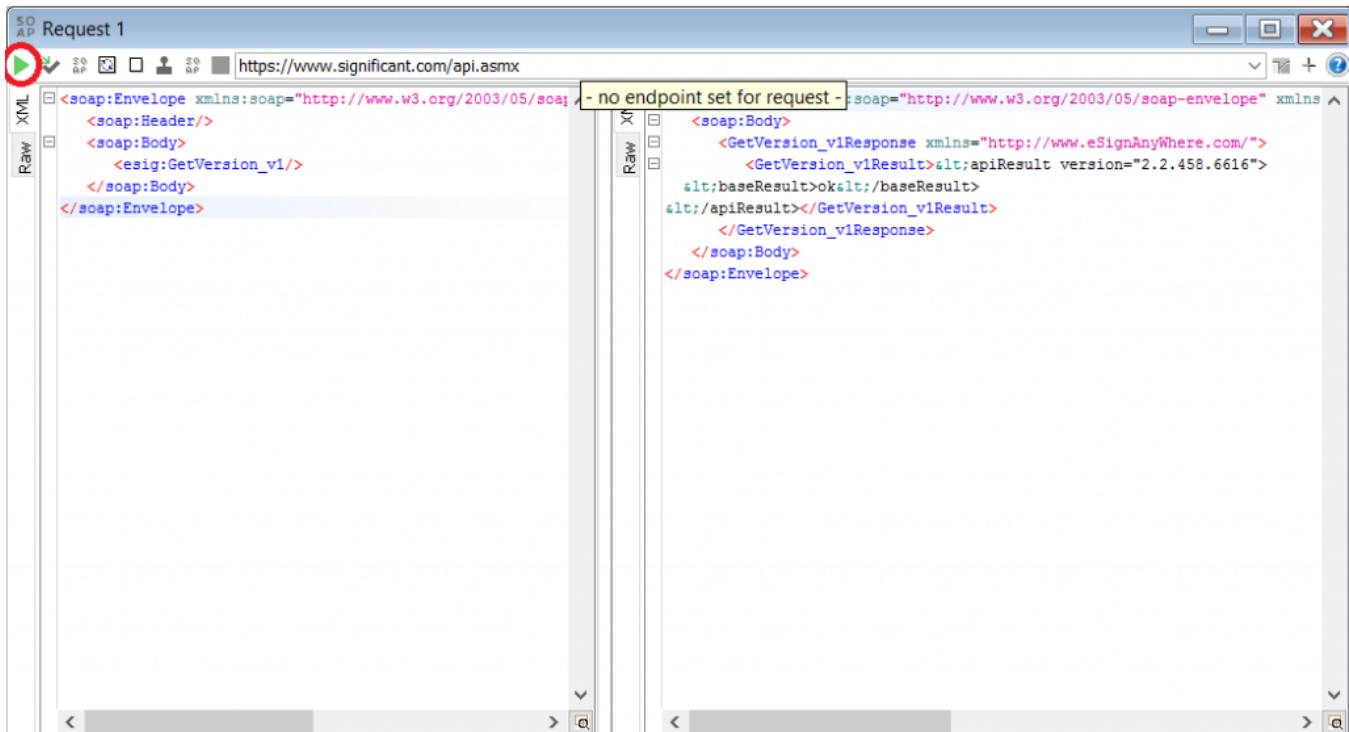Navigate to `GetVersion_v1` and double click on "Request 1". This will open a new windows with the call for this function. Just click on the green submit request button and you will receive the response from the eSignAnyWhere API.

The response is an XML which contains information about the request status (baseResult), the response (okInfo) or the error (errorInfo). More details on the basic concepts of our calls you can find in the API documentation.

Upload the PDF

First you have to upload the PDF file via `UploadTemporarySspFile_v1`. Therefore you have base64 encode the PDF. The upload request requires, like all other except the `GetVersion_v1`, the authentication. This is also described in the API documentation. The following screenshot shows a reduced request, because the base64 encoded file is huge. In the Response you see the sspFileId, which is required for creating the envelope.
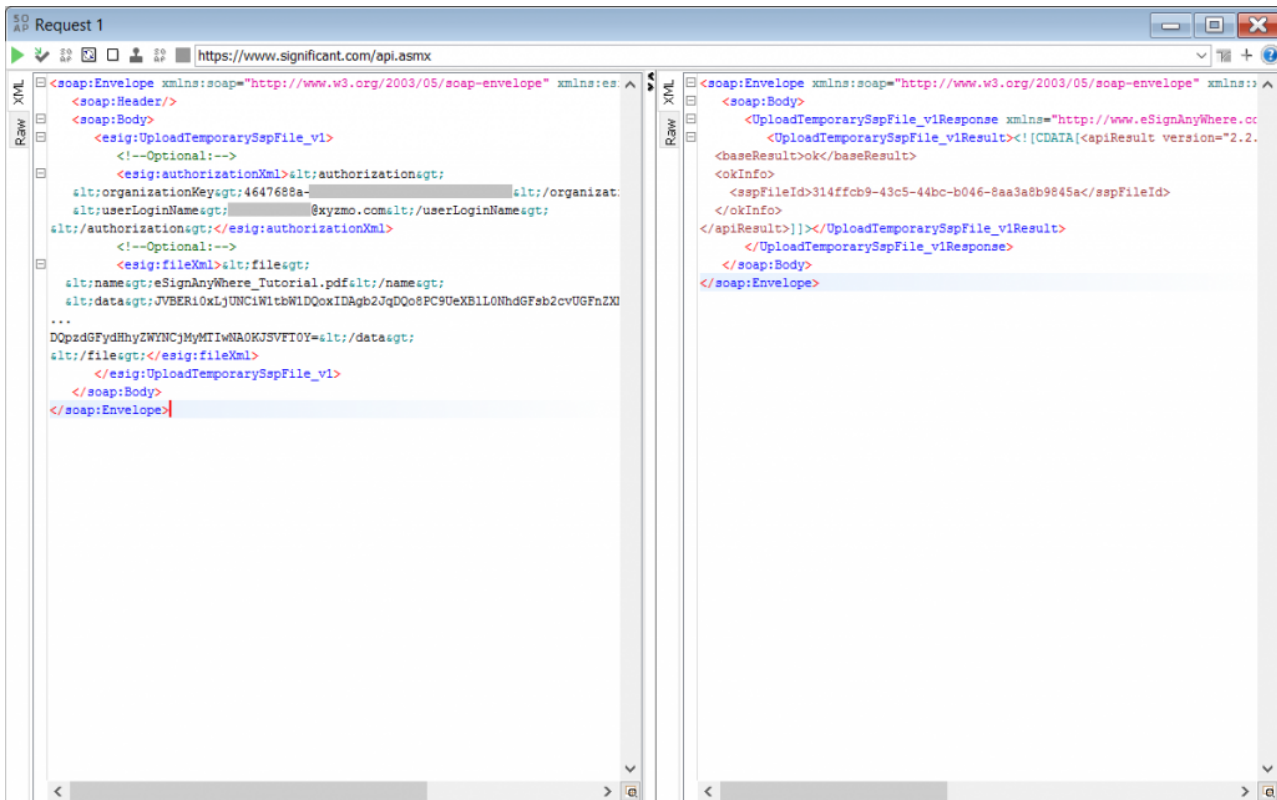
Create AdHoc Workstep

Now we are requesting an adhoc workstep configuration from the server for the uploaded file. Therefore we are calling the `GetAdHocWorkstepConfiguration_v1` with the sspFileId and a default adhoc configuration (you find this adhoc configuration in the Tutorial or also in the XML Samples).
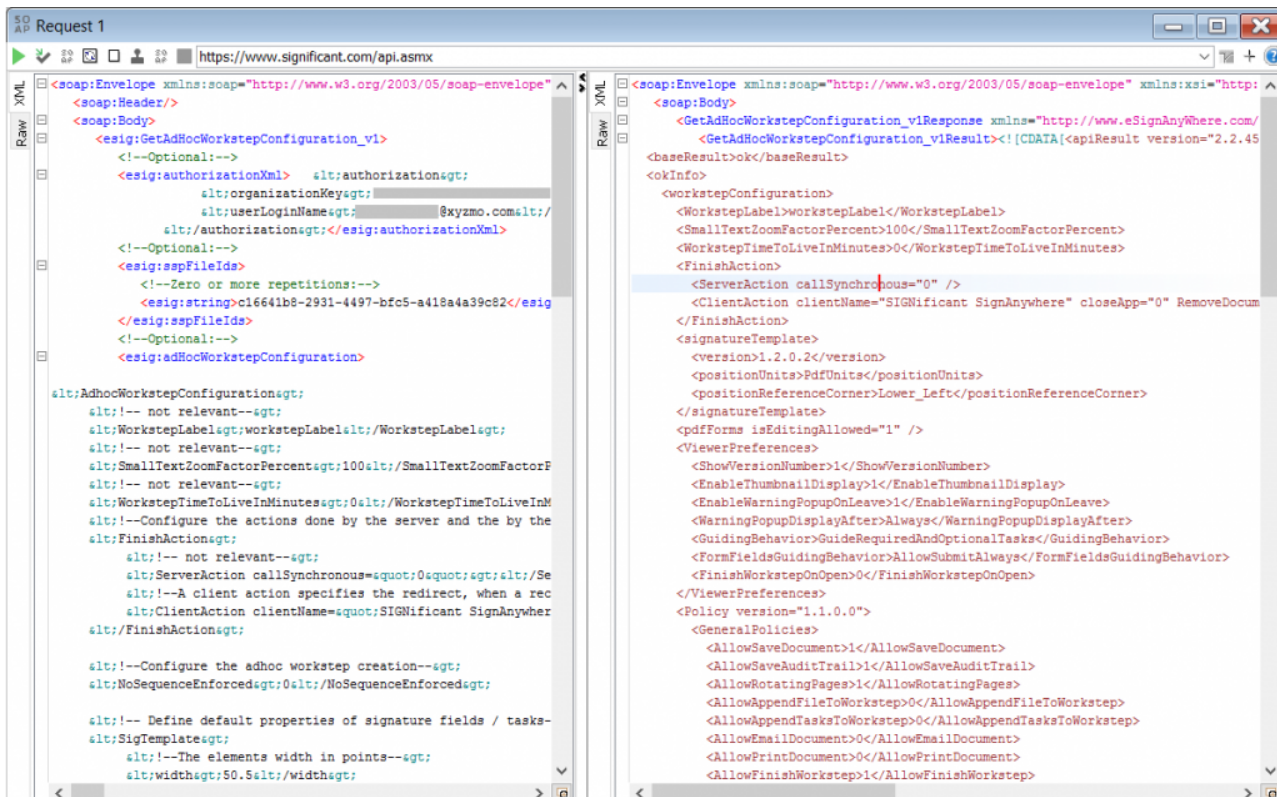
Send Envelope

Now you can modify your adhoc workstep configuration and generate the envelope configuration, with the recipient definitions and settings. If you are call the `SendEnvelope_v1` function, the result will be the envelopeId and the workflow will be started automatically.
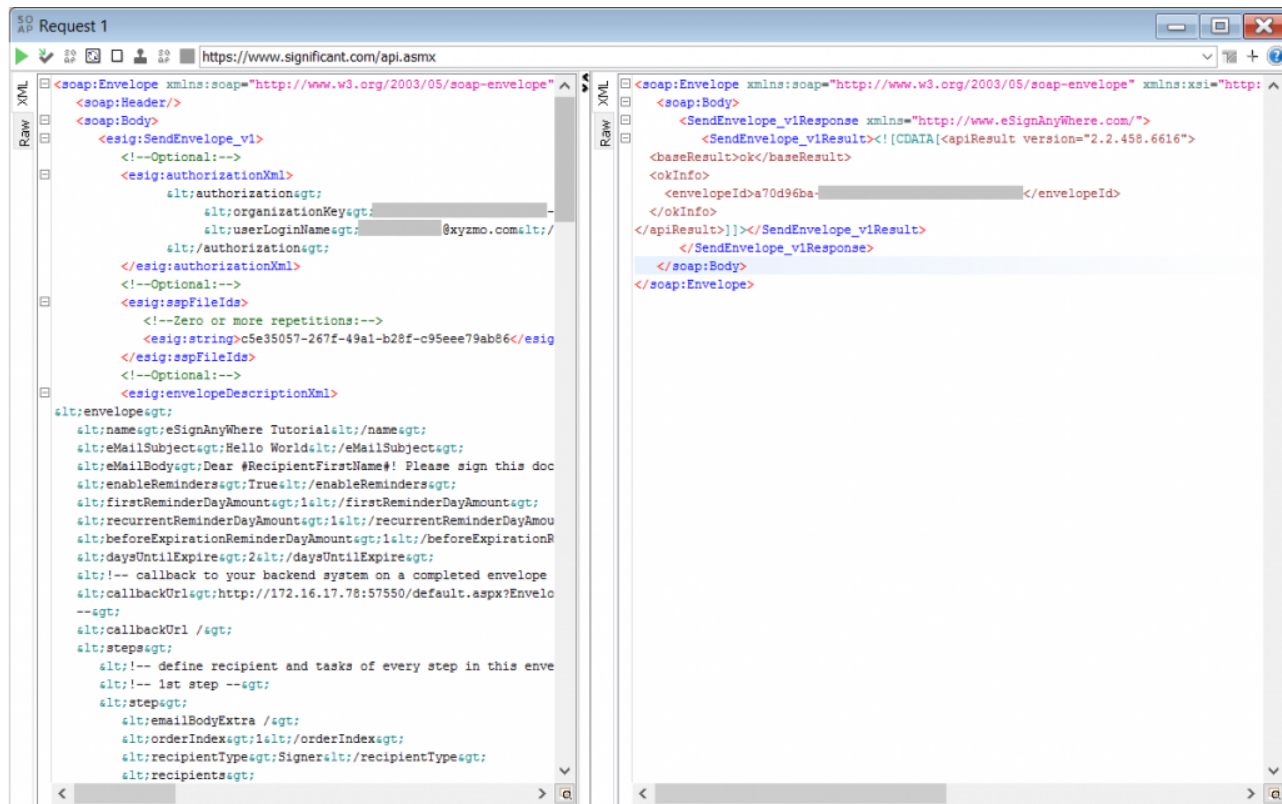
Download the Document(s)

You check the status of the envelope by calling the `GetEnvelopeById_v1` function. If the envelope is finished you get a list of available files for download (the documents and the audit log). For downloading one of the files you have to use the function `DownloadCompletedDocument_v1`.

https://www.significant.com/api.asmx

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:es
    <soap:Header/>
    <soap:Body>
        <esig:DownloadCompletedDocument_v1>
            <!--Optional:-->
            <esig:authorizationXml>
                &lt;authorization&gt;
                    &lt;organizationKey&gt;
                    &lt;userLoginName&gt;            @xyzmo.com&lt;/userLoginN
                &lt;/authorization&gt;
            </esig:authorizationXml>
            <!--Optional:-->
            <esig:envelopeId>a70d96ba-                        </esig:envelope
            <!--Optional:-->
            <esig:documentId>87af1068-                     </esig:document
        </esig:DownloadCompletedDocument_v1>
    </soap:Body>
</soap:Envelope>
```

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmln:
    <soap:Body>
        <DownloadCompletedDocument_v1Response xmlns="http://www.eSignAnyWh
            <DownloadCompletedDocument_v1Result><![CDATA[<apiResult version=
    <baseResult>ok</baseResult>
    <okInfo>
        <file>
            <name>eSignAnyWhere_Tutorial.pdf</name>
            <data>JVBERi0xLjQNJeLjz9MNCjEgMCBvYmoNPDwvQWNyb0Zvcm0gNDMgMCBSL0V4
        </file>
    </okInfo>
</apiResult>]]></DownloadCompletedDocument_v1Result>
        </DownloadCompletedDocument_v1Response>
    </soap:Body>
</soap:Envelope>
```

Auth   Headers (0)   Attachments (0)   WS-A   WS-RM   JMS Headers   JMS Property (0)

Headers (8)   Attachments (0)   SSL Info (2 certs)   WSS (0)   JMS (0)

response time: 401ms (472997 bytes)   18 : 17