
Question

[Ilmija Asani](#) · Feb 18, 2020

Create a SOAP Envelope

Hello,

we are trying to figure out if there's a way to create a SOAP Envelope by using SOAP classes.

Right now we use a string to define the envelope element.

The string looks like :

```
<soap:Envelope xmlns:soap='http://www.w3.org/2003/05/soap-envelope'
xmlns='urn:oasis:names:tc:SAML:2.0:assertion'>
  <soap:Header>
    <add:Action
xmlns:add='http://www.w3.org/2005/08/addressing'>urn:rve:AuthenticateAndGetAssertionRequest</add:Action>
    <add:MessageID xmlns:add='http://www.w3.org/2005/08/addressing'>urn:uuid:MessageID</add:MessageID>
    <add:To xmlns:add='http://www.w3.org/2005/08/addressing'>Addressing</add:To>
    <wsse:Security xmlns:wsse='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secex...'>
    <wsse:UsernameToken xmlns:utp='http://docs.oasisopen.org/wss/2004/01/oasis-200401-wss-wssecurity-utitit...'>
    <wsse:Username>username</wsse:Username>
    <wsse:Password Type='rve:PasswordEncrypted'>token</wsse:Password>
    <wsse:Nonce>nonce</wsse:Nonce>
    <utp:Created>timestamp</utp:Created>
    </wsse:UsernameToken>
    </wsse:Security>
  </soap:Header>
  <soap:Body>Body</soap:Body>
</soap:Envelope>
```

There's a way to build up the SOAP Envelope and get the same result as our string but by using a class?

[#ObjectScript](#) [#SOAP](#) [#HealthShare](#)

Source URL: <https://community.intersystems.com/post/create-soap-envelope>