

Question

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XML string to Serial Object

Hello.

I want to know how can I convert XML String intro a %SerialObject.

This is an example:

```
<Envelope>
  <Body>
    <RESULT>
      <SUCCESS>TRUE</SUCCESS>
      <LIST>
        <ID>11111</ID>
        <NAME>one</NAME>
      </LIST>
      <LIST>
        <ID>22222</ID>
        <NAME>two</NAME>
      </LIST>
    </RESULT>
  </Body>
</Envelope>
```

And this are the %SerialObject classes I have created:

```
Class test.Envelope Extends (%SerialObject,%XML.Adaptor)
{
  Property Body As test.Body;
}
Class test.Body Extends (%SerialObject,%XML.Adaptor)
{
  Property RESULT As test.Result;
}
Class test.Result Extends (%SerialObject,%XML.Adaptor)
{
  Property SUCCESS As %String(MAXLEN = "");
  Property LIST As list Of test.List;
}
Class test.List Extends (%SerialObject,%XML.Adaptor)
{
  Property ID As %String(MAXLEN = "");
  Property NAME As %String(MAXLEN = "");
}
```

I have tested with a function like this:

```
set reader = ##class(%XML.Reader).%New()
set sc = reader.OpenStream(xmlStream)
do reader.Rewind()
do reader.CorrelateRoot("test.Envelope")
while (reader.Next(.tMessage,.sc)) {
  set OUT = tMessage
}
```

But it only works if property "LIST" is a single object and not a list of objects. When I try with the list, I get this error:

ERROR #6237: Unexpected tag in XML input: LIST (ending at line 6 character 5).

How can I convert a XML String into a SerialObject?

Thank you in advance.

[#Ensemble](#) [#XML](#)

Source URL: <https://community.intersystems.com/post/xml-string-serial-object>