
Question

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BPL <call> element with async='False'

Hello, we have a couple of BPL processes. This works with a limited amount of messages but we run into issues when we process thousands of messages in a session. One BPL calls a Validation BPL process with async='False' and there is a response defined. The timeout is two seconds and that seems to be plenty of time for the validation process. I expected the calling process to wait for a response but that is not happening. The documentation says: A <call> element with async='False' and a <response> block defined suspends execution of its business process thread until the called operation completes.

```
<call name='Validation' target='ST 837 Validation' async='0' timeout='2' xpos='200' ypos='350' >
<request type='EnsLib.EDI.X12.Document' >
<assign property="callrequest" value="request" action="set" />
</request>
<response type='CREPOS.TXNSET999' >
<assign property="context.valStatus" value="$$$ISOK(callresponse.valStatus)" action="set" />
</response>
</call>
<if name='Check VAL Status' condition='context.valStatus' xpos='200' ypos='450' xend='200' yend='700' >
<true>
<call name='Good Transaction Handling' target='837 Good ST' async='1' xpos='335' ypos='600' >
<request type='EnsLib.EDI.X12.Document' >
<assign property="callrequest" value="request" action="set" />
</request>
<response type='Ens.Response' />
</call>
</true>
</if>
```

The Good Transaction Handling gets called later after another message had already invoked the calling process again that was not suspended as expected.

[#Business Process \(BPL\)](#) [#Ensemble](#)

Source URL: <https://community.intersystems.com/post/bpl-element-asynfalse>