

## Issue 125 – Proposal

Last modified: Sept 26, 2005

[A]

Add the follow new paragraph to Section 9.4 “Assignment”:

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The fifth from-spec variant returns return values as if it were a from-spec that selects the children of the <literal> element in the WS-BPEL source code. Those return values MUST consist of Element Information Items or Text Information Items only. (See section “Selection Result of Copy Operations” for definition for Text Information Items) All XML parsing context of <literal> element in the source code, such as XML Namespace, are carried into the parsing children within <literal> element. An empty <literal /> element returns an empty Text Information Item. Here are some examples for illustration:

```
<assign>
  <copy>
    <from>
      <literal xmlns:foo="http://foo.com">
        <foo:bar />
      </literal>
    </from>
    <to variable="myFooBarElemVar" />
  </copy>
  <copy>
    <from>
      <literal><![CDATA[[<foo:bar />]]</literal>
    </from>
    <to variable="myStringVar" />
  </copy>
  <copy>
    <from> <literal/> </from>
    <to variable="myStringVar" />
  </copy>
</assign>
```

The first <copy> above copies an <foo:bar /> element with “foo” prefix associated to “http://foo.com” namespace into “myFooBarElemVar”. The second <copy> copies a string which resembles “<foo:bar />” into “myStringVar”. The last <copy> copies an empty string into “myStringVar”.

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**[B]**

Fix the amendment listed in:

<http://lists.oasis-open.org/archives/wsbpel/200508/msg00095.html>

The bolded part is the new text.

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When the to-spec selects a TII (e.g. Text node in XPath 1.0) as LValue, **and the TII does NOT belong to a WS-BPEL variable of an XSD simple type**, and one of the followings is computed or selected as RValue from the from-spec:

- a TII which has zero Character Information Item
- an AII which has an empty string as its [normalized value]
- an EII which has zero Character Information Item as its descendants, that is its [children] and nested [children]. (Note: applying XPath 1.0 String() function to this kind of EII would yield an empty string)

bpws:mismatchAssignmentFailure fault **MUST** be thrown.

**[C]**

Generalizing the description of bpws:mismatchAssignmentFailure fault

From:

mismatchedAssignmentFailure	Thrown when incompatible types are encountered in an assign activity.
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To:

mismatchedAssignmentFailure	Thrown when incompatible data forms are encountered in a copy operation of an assign activity.
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**END**