

NCIP:Ampersand is not replaced in XML communications

- **Article Type:** General
- **Product:** Voyager
- **Product Version:** 2

Description:

Issue number: 16384-18753

Module: NCIP

Server platform affected: Solaris

Releases replicated in: 8.1.1

Last version without bug: N/A

Expected results:

An ampersand should be replaced with & in XML communications.

Actual results:

Ampersands are sent by voyager NCIP.

Workflow implications: Users receive errors in the requesting interface (ie RELAIS).

Replication steps:

1.Example message and response from Voyager NCIP (The <StructuredAddress> line contains the ampersand):

.....

2012-05-01_15-00-25_693.req

.....

```
<?xml version="1.0" encoding="UTF-8" ?><NCIPMessage version="http://www.niso.org/ncip/v1\_0/imp1/dtd/ncip\_v1\_0.dtd"><LookupUser><InitiationHeader><FromAgencyId><UniqueAgencyId><Scheme datatype="string">http://www.relais-intl.com/ncip/schemes/agency.scm</Scheme><Value datatype="string">Relais</Value></UniqueAgencyId></FromAgencyId><ToAgencyId><UniqueAgencyId><Scheme datatype="string">http://www.relais-intl.com/ncip/schemes/agency.scm</Scheme><Value datatype="string"/></UniqueAgencyId></ToAgencyId></InitiationHeader><UniqueUserIdentifier><UniqueAgencyId><Scheme datatype="string">http://www.relais-intl.com/ncip/schemes/agency.scm</Scheme><Value datatype="string"/></UniqueAgencyId><UserIdentifierValue>6014760029235801</UserIdentifierValue></UniqueUserId><UserElementType><Scheme>http://www.niso.org/ncip/v1\_0/schemes/userelementType/userelementType.scm</Scheme><Value>Name Information</Value></UserElementType><UserElementType><Scheme>http://www.niso.org/ncip/v1\_0/schemes/userelementType/userelementType.scm</Scheme><Value>User Address Information</Value></UserElementType><UserElementType><Scheme>http://www.niso.org/ncip/v1\_0/schemes/userelementType/userelementType.scm</Scheme><Value>User Privilege</Value></UserElementType><UserElementType><Scheme>http://www.niso.org/ncip/v1\_0/schemes/userelementType/userelementType.scm</Scheme><Value>User Privilege</Value></UserElementType></NCIPMessage>
```

```

e.scm</Scheme><Value>Visible User Id</Value></UserElementType></LookupUser></NCIPMessage>
.....
2012-05-01_15-00-25_693.rsp
.....
<?xml version='1.0' encoding='UTF-8'?>
<!DOCTYPE NCIPMessage PUBLIC "-//NISO/NCIP DTD Version 1//EN" "http://www.niso.org/ncip/v1\_0/imp1/dtd/ncip\_v1\_0.dtd">

<NCIPMessage version="http://www.niso.org/ncip/v1\_0/imp1/dtd/ncip\_v1\_0.dtd">
<LookupUserResponse>
<ResponseHeader>
<FromAgencyId>
<UniqueAgencyId>
<Scheme>http://www.dynix.com/ncip/schemes/agency.scm</Scheme>
<Value>VOYAGER</Value>
</UniqueAgencyId>
</FromAgencyId>
<ToAgencyId>
<UniqueAgencyId>
<Scheme>http://www.relais-intl.com/ncip/schemes/agency.scm</Scheme>
<Value>Relais</Value>
</UniqueAgencyId>
</ToAgencyId>
</ResponseHeader>
<UniqueUserId>
<UniqueAgencyId>
<Scheme>http://www.dynix.com/ncip/schemes/agency.scm</Scheme>
<Value>VOYAGER</Value>
</UniqueAgencyId>
<UserIdentifierValue>50847UR</UserIdentifierValue>
</UniqueUserId>
<UserOptionalFields>
<VisibleUserId>
<VisibleUserIdentifierType>
<Scheme>http://www.niso.org/ncip/v1\_0/imp1/schemes/visibleuseridentifiertype/visibleuseridentifiertype.scm</Scheme>
me>
<Value>Barcode</Value>
</VisibleUserIdentifierType>
<VisibleUserIdentifier>6014760029235801</VisibleUserIdentifier>
</VisibleUserId>
<NameInformation>
<PersonalNameInformation>
<StructuredPersonalUserName>
<Prefix>Mr</Prefix>
<GivenName>Valerian</GivenName>
<Surname>De Sousa</Surname>
</StructuredPersonalUserName>
</PersonalNameInformation>
</NameInformation>
<UserAddressInformation>
<UserAddressRoleType>

```

```
<Scheme>http://www.niso.org/ncip/v1\_0/imp1/schemes/useraddressroletype/useraddressroletype.scm</Scheme>
<Value>Multi-Purpose</Value>
</UserAddressRoleType>
<PhysicalAddress>
<StructuredAddress>
<Line1>Anthropology & Sociology</Line1>
<Line2>Old Library 06B</Line2>
</StructuredAddress>
<PhysicalAddressType>
<Scheme>http://www.niso.org/ncip/v1\_0/imp1/schemes/physicaladdresstype/physicaladdresstype.scm</Scheme>
<Value>Postal Address</Value>
</PhysicalAddressType>
</PhysicalAddress>
</UserAddressInformation>
<UserAddressInformation>
<UserAddressRoleType>
<Scheme>http://www.niso.org/ncip/v1\_0/imp1/schemes/useraddressroletype/useraddressrolet
```

Resolution:

Fixed in NCIP for 8.2.0.

- **Article last edited:** 10/8/2013