Novell has released a patch for exteNd Composer

(Q) What does the patch fix?

(A) This is a patch that takes Composer 5.2.1 from

    core   build 1307 to build 1307H
    tds   build 174 to build 174B
    ldap   build   26 to build   26C
    baan   build   15 to build   15A
    orac   build   15 to build   15A
    http   build 106 to build 106A
    sap   build   48 to build   48A
    telnet build 107 to build 107A
    jms   build 104 to build 104B
    uts   build   32 to build   32A
    t27   build   32 to build   32A
    dg   build   31 to build   31A
    hp3000 build   31 to build   31A
    tandem build   31 to build   31A
    edi   build 112 to build 112A
    lwsn   build   12 to build   12A

  patch 1307A core
    * 7824 Philips cache synch issue SR# 10171397601
    * 7825 DOM hierarchy error in LDAP search SR# 10168992801
    * 7673 File Trigger adds leading space and trailing newline to data passed to service
    * 7819 Oracle 9i new Timestamp data type rendering
    * 7788 Expression support patch for DIR connection parameters
    * Added Scripting and Variables caching.
    * Fixed problem of undefined custom variables after rerun (JDBC, ECI)
    * Fixed context leak via preventing caching "dirty" connection objects
    * Added wizards and deployment options for creating IDM2 drivers using Composer

  patch 1307B core
    * Fixed tds, ldap and edi enabler problems see comments for
      "patch 174B tds", "patch 25B ldap" and "patch 112A edi"

  patch 1307C core
    * Added updating xconfig.xml file in deployed xconfig.jar
      by adding FRAMEWORKFACTORY entry.
      Added RunComposerService class to ComposerDriverShim.jar.

  patch 1307D core
    * 7843 Error with Composer Console on JBoss 4.0.2.
    * 7844 DTD resource 'new' not working correctly.
    * 7846 Unable to validate a single space character in composer.
    * 7847 Validation of a document does not produce a detailed message.
    * 7848 Incorrect DTD Resource returned. Note: If public ID referenced DTD is used,
        one should instead use the DTD catalog instead of a DTD resource.
    * 7850 Incorrect warning given when a WSDL is created.

* 7851 Added supporting resource files for IDM2 application server.
* 7852 RMB Properties on an open component causes problems.
* 7853 doc for .count says all nodes with data are counted, this is not the case.
* 7854 Credential variables in xconfig are unstable.
* 7855 We can't add a namespace uri to an element.
* 7858 Updating SQL Statement as Prepared when switching focus from one statement to another.
* 7860 Composer does not create Correct SOAP request for Complex RPC.
* 7861 Composer does not create Correct SOAP request for Complex RPC, arrays.
* 7862 Composer Can't handle multiple namespaces in complex rpc.
* 7863 NPE when animating/executing into a component which has no output doc.

patch 1307E core
  * Removed obsolete regular expression code
  * 7869 Fixed JDBC thread contention between user interface modules,
      which occurs when switching between 2 JDBC action

patch 1307F core
  * honor max component cache size
  * fix SSL for jboss
  * fix dtd loading for jboss
  * remove debug printout when xml validation fails
  * fix thread contention of script caching
  * fix namespace propagation when deployed as a soap server
  * fix deployment for tomcat
  * fix patch install for tomcat
  * fix problems loading CA certificates

patch 1307G core
  * fix null pointer in Adapter XS layer when project DOM is null
  * added new checkbox tree functionality for IWAF Connectors
  * added new delegation methods for controlling checkbox tree behavior to IWAF adapter interfacce

patch 1307H core
  * fixed a null pointer exception in XPath execution when the path was created with a combination
      of DOM and XPath methods
  * date Validation. A date containing '0' as the day was being accepted as a valid date
  * break/continue action when embedded as part of Try/Catch was not working properly
  * telnet DBCS graphics problem
  * Send mail enhancement. Added the ability to send html mail
  * Access to HTTP Request Header Parameters when service is deployed as a SOAP service

patch 1307E telnet
  * 7870 ArrayOutOfBounds and bad characters appearing in Telnet connector

patch 174A tds
  * 7821 Thread leak in 3270 EPI connections SR #10162752230

patch 174B tds
  * Fixed problem causing 100% CPU usage on EPI connection termination

patch 25A ldap
  * 7827 LDAP connection pool thread leaks - Fixed code for LDAP where after a disconnect,
      threads were left which ultimately made the server run out of threads.
  * Fixed problem of undefined custom variables after rerun

patch 25B ldap
  * 7841 Error when drilldown on replica tree with LDAP component in Designer

patch 25C ldap
  * Propagate project DOM changes to cached connection component
  * NDS Tree building fixes: When an error occurs, instead of adding an error node and exiting,
    add an error node and continue processing the rest of the sibling nodes. When schema returns
    null for an object class name add an error node.

patch 15A baan
  * 7797 Fixed baan service connection types
  * 7798 Fixed xc-iway.jar baanservice table listener support

patch 12A lwsn
  * Update request model with productLine and token name attributes
  * override default executable event and checkbox tree behavior

patch 15A orac
  * 7807 Fixed Oracle Applications Service connection type missing password field

patch 106A http
  * Fixed problem of undefined custom variables after rerun

patch 48A sap
  * Fixed problem of undefined custom variables after rerun

patch 107A telnet
  * 7840 Fixed problem of undefined custom variables after rerun

patch 104A jms
  * Fixed problem of undefined custom variables after rerun

patch 104B jms
  * 7845 Fixed problem for Text message trim

patch 32A uts
  * 7840 Fixed problem of undefined custom variables after rerun

patch 32A t27
  * 7840 Fixed problem of undefined custom variables after rerun

patch 31A dg
  * 7840 Fixed problem of undefined custom variables after rerun

patch 31A hp3000
  * 7840 Fixed problem of undefined custom variables after rerun

patch 31A tandem
  * 7840 Fixed problem of undefined custom variables after rerun

patch 112A edi
  * Add option to continue to process inbound EDI even if errors exist.
      The developer may now choose to ignore (skip) errors detected by the EDI-parser. If an error is encountered,
      instead of throwing a Composer ERROR, the description of the error is re-directed to a new element/attribute,
      and processing will continue. The result is that the parser will convert the EDI Document to XML, and
      the developer can then determine how to handle the error(s) in question.

      For example, a single EDI document might contain 100 repeating segments (one doctor / 100 patients).
      Let's say that a few of the patient Segments contain data that is either an invalid length,
      or an invalid code (acording to the Composer Metadata). Currently, the entire document will
      fail and none of the patient records will be processed (actually, the EDI document will NOT be converted to
      XML at all). After installing the patch, an XML document will be produced. Directly after an error is detected,
      Composer will now create a new element called <EDISkipError>. The new element will contain an
      attribute called "ParseError" which will describe the error (as you would currently see in your ERROR log).
      In our example, the developer would have a loop on the Patient segments. The developer can now use xpath to
      determine if any child elements contain an attribute named "ParseError". If the attribute exists, the developer
      can choose to Continue to the next patient segment, log the error(s) and/or write the XML segment to disk.

      To enable the new feature, you will need to modify the xconfig.xml file (both design and runtime).
      Below, is an example of the modification required to enable the new feature, as well as a sample snippet
      of a Temp DOM created from an EDI Document with errors.

      The following new line should be inserted directly before the first <INTERCHANGEHANDLERS> element in the
      xconfig.xml (Designer and Server):

      <EDISKIPERRORS>TRUE</EDISKIPERRORS>

      = = = = = = = = = = = = = =
      = sample snippet of xconfig.xml
      = = = = = = = = = = = = = =
      ...
      </COMPONENT_FACTORY>
      <COMPONENT_FACTORY>

```
<NAME>EDI</NAME>
<VISUAL>com.sssw.b2b.ee.edi.dt.GVEDIXObjectFactory</VISUAL>
<NONVISUAL>com.sssw.b2b.ee.edi.rt.GNVEDIXObjectFactory</NONVISUAL>
<CORE_ENABLER>false</CORE_ENABLER>
<ENABLER_VERSION>5.2.1</ENABLER_VERSION>
<MIN_CORE_VERSION>5.0</MIN_CORE_VERSION>
<ENABLER_LICENSE>myLicenseGoesHere</ENABLER_LICENSE>
<EDISKIPERRORS>TRUE</EDISKIPERRORS>
<INTERCHANGEHANDLERS>
<HANDLER>
...


=================================
= sample result from parsing EDI Document with errors (partial Temp DOM)
=================================
...
...
<SG3>
<N9 description="Reference Identification">
<D128 description="Reference Identification Qualifier" elementid="N901"><EDISkipErrors>
<EDISkipError ParseError="The length of the contents of the data element is too long. the
defined maxLength is 3,
the found length is 19 (&quot;-987265pok;jwg[9uL1&quot;)"/>
<EDISkipError ParseError="Invalid value:-987265pok;jwg[9uL1 Allowed values are
01,ZX,ZY,ZZ"/>
</EDISkipErrors>-987265pok;jwg[9uL1</D128>
<D369 description="Free-form Description" elementid="N903">Comparison Message</D369>
</N9>
...
...
```

(Q) What versions of eXtend Composer need the fix?

(A) Version 5.2.1, core build 1307 to build 1307 G, tds build 174 to tds build 174A,ldap build 26 to
   ldap build 26B, baan build 15, lwsn build 12, orac build 15, http build 106, sap build 48, telnet build
107,
   jms build 104 to jms build 104A, uts build 32, t27 build 32, dg build 31, hp3000 build 31, tandem
   build 31 and edi build 112.
   This fix is required on the designer and server side.

Instructions for applying patch:
1) If on Designer, copy these files to a "patches" subdirectory
   beneath the "Composer\Designer" subdirectory.
   On the Server, copy these files to a "patches" subdirectory
   beneath the "Composer" subdirectory.
   On JBoss server copy these files to a "patches" subdirectory
   beneath the Jboss root subdirectory "..\jboss-4.0.1".
2) Make sure the java executable is in your path

3) If on Windows, at a command prompt, run "xcPatch521.bat"
   If on Linux/UNIX, at a command prompt, run "xcPatch521.sh"

** JBoss Note **
   The batch/script files provided will update the JBoss "default" and "all" configurations. If you are running
   a custom configuration you will need to manually copy "xcs-all.jar" and "xc-iway.jar" files to the lib folder
   of your custom JBoss configuration.