

nTEGRATOR

The Challenge:

Client needs to examine or change data originating from two different data sources with two different data formats, using a web browser or wireless device.

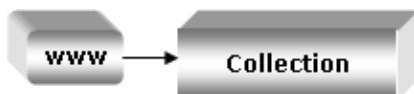
The Solution:

With nBoundary's nTegrator technology, it takes only six steps. You simply create an nTegrator 'Collection', drop in your databases with the appropriate data format conversion tools (Data Transports) and add a few small nTegrator applications (Agents) that will further convert the data to HTML and allow you to see data from both database sources simultaneously. To add components, you simply drag and drop them into the Collection with nTegrator's Windows Explorer 'Drag and Drop' interface.

The databases can be located in an nTegrator environment anywhere on the Internet. No programming is required to support distributed access to the data.

The ODBC and FILESYS Data Transports and the XSLT Agents all use text scripts to control their operations. The example below can be achieved using pre-existing default scripts. No programming of any kind is required!

Step 1: Create a Collection.



A Collection is an nTegrator entity that acts as a control point for the application and can be accessed from the Internet and protected by a password.

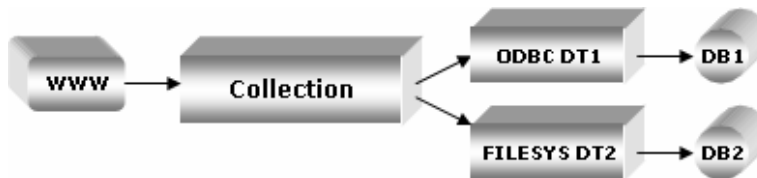
Step 2: Add a relational database to the Collection.



Drag a copy of an ODBC Data Transport (DT) on to the Collection and attach it to Database 1. A Data Transport converts external data into XML. The ODBC Data Transport converts data from a relational database into XML.

A user connecting to the Collection would see the contents of the DATABASE 1 database expressed in XML on his browser.

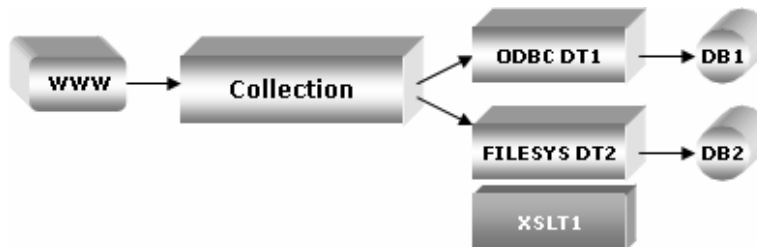
Step 3: Add a second database to the Collection.



Drag a FILESYS Data Transport onto the Collection and attach it to Database 2, a flat file database.

A user connecting to the Collection would have the option of seeing the output of either database on the browser.

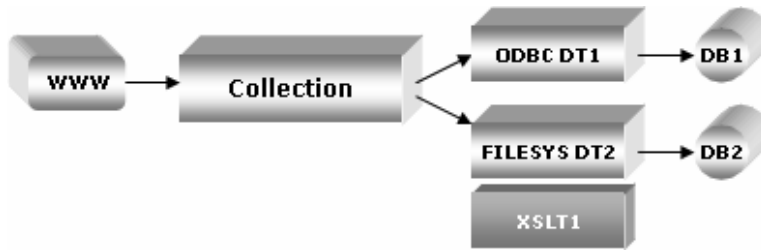
Step 4: Add an XSLT Agent to Database 2 to present its records in the same format as Database 1.



Drag an XSLT Agent on to the Database 2 Data Transport. This Agent can be used to perform XML to XML conversions. In this case we will convert the second database records into the same format as Database 1 Records.

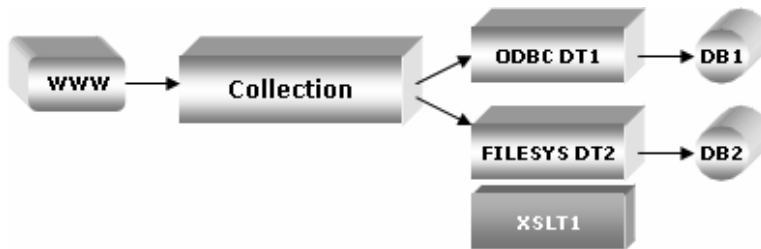
The user on the browser will now see records of the same format regardless of whether the browser is pointed at Database 1 or Database 2.

Step 5: Add a 'Parallel' Agent to the Collection to view Database 1 and Database 2 simultaneously.



Drag a 'Parallel' Agent on to the Collection. The browser user will now see both databases simultaneously when he links to the Collection.

Step 6: Add an XSLT Agent to the Collection to show its records in the same format as Database 1.



Drag an XSLT Agent on to the Collection. This Agent will convert the XML from the two databases into HTML for a browser or to WML for a wireless device.