**eiConsole Assignment**

**(Level: Basic)**

## Objective

The objective of this assignment is for the trainee to use the eiConsole to create a working solution to a non-trivial problem. This assignment provides an opportunity for the trainee to apply what they have learned in the preceding tutorials and gain some hands-on experience.

## Topics Covered

* Listeners
* Processors
* OGNL
* Environment Properties
* Transaction Monitor and Routing Module
* Transports

## Assignment

Develop routes and interfaces in eiConsole to read the XML file shown at the end of this document.

The XML file above can be sent to the eiConsole using

* HTTP webservices
* FTP or dropped in a folder on the local filesystem (as zipped XML file)

The XML must be stored to a configurable folder on the local filesystem. The filename should include the timestamp.

In case of an error (e.g. invalid XML file), an error message will be logged in the log file.

## Expected Results

* Filename with unique name stored in the folder configured in the Environment Properties
* In case of an error, an error message will be logged in the log file

## Input File

<?xml version="1.0" encoding="UTF-8"?>

<CATALOG>

<CD>

<TITLE>Empire Burlesque</TITLE>

<ARTIST>Bob Dylan</ARTIST>

<COUNTRY>USA</COUNTRY>

<COMPANY>Columbia</COMPANY>

<PRICE>10.90</PRICE>

<YEAR>1985</YEAR>

</CD>

<CD>

<TITLE>Maggie May</TITLE>

<ARTIST>Rod Stewart</ARTIST>

<COUNTRY>UK</COUNTRY>

<COMPANY>Pickwick</COMPANY>

<PRICE>8.50</PRICE>

<YEAR>1990</YEAR>

</CD>

<CD>

<TITLE>When a man loves a woman</TITLE>

<ARTIST>Percy Sledge</ARTIST>

<COUNTRY>USA</COUNTRY>

<COMPANY>Atlantic</COMPANY>

<PRICE>8.70</PRICE>

<YEAR>1987</YEAR>

</CD>

</CATALOG>