OpenESB v2.3 (March 2013)

OpenESB v2.3 Series

OpenESB is Alive and Well and Living in …

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Table of Contents

OpenESB is Alive and Well and Living in …

Since Sun Microsystems started the Java Business Integration specification work, and subsequently started releasing the OpenESB platform and components around 2006, until Sun was acquired by Oracle around 2010, I published a number of blog articles dealing with different aspects of the JBI-based technologies embedded in the OpenESB, GlassFish ESB and Java CAPS/JBI. I lost interest in the topic when Sun acquisition was completed and it became clear to me that the JBI specification will not be supported by Oracle other as part of the legacy Java CAPS/JBI and the GlassFish ESB products. Around the same time there was a fair bit of activity around the OpenESB community aimed at working out whether and how OpenESB can be picked up by the community, perhaps development branch forked so it can be controlled by the community, etc.. Since I did not expect that effort to lead anywhere I stopped following these discussions and eventually OpenESB mailing lists to which I was subscribed disappeared to be replaced by others to which I did not subscribe.

I never went back to my original blog articles to see if they are still implementable and whether the software used in them is still available. Needless to say some articles can no longer be implemented as written and the links to the OpenESB / GlassFish ESB distributions which I provided in my articles no longer lead anywhere useful.

Recently I had an occasion to look at some of the articles and it occurred to me that perhaps they can be updated if OpenESB is available somewhere, so people can still try them. I did put a fair bit of effort into the articles and it is such a waste to have the solutions unimplementable.

I went looking for OpenESB distributions to see if they are available, what state they are in, and whether anyone cares. It turned out that LogiCoy (http://www.logicoy.com/) maintains and develops OpenESB, at least one distribution of which is publically available, and I know some of the people at LogiCoy who are working on this platform. I understand from them that a new release, v2.3 (of which a Beta version is available at the community site - http://www.open-esb.net/) will be officially released sometime this month. Once the release is available I will come back to this article to provide the link to it and perhaps to the installation documentation.

In the spirit of "Jacques Brel is Alive and Well and Living in Paris" (http://en.wikipedia.org/wiki/Jacques_Brel_is_Alive_and_Well_and_Living_in_Paris) I decided to have a look at my JBI articles and release updated versions using the OpenESB distribution released to the community by LogiCoy's. This will happen as time and motivation permit ☺

In this article I am listing articles which I may get around to updating to work with LogiCoy's version of OpenESB, and their status (Not started, Updated, Never to be worked on again).

JBI-related Articles I will have a look at and maybe update

The table below lists all the articles I published on my blog which use the JBI technologies, whether in OpenESB, GlassFish ESB or Java CAPS/JBI. I expect that at least some will work with more or less text changes in OpenESB v2.3 community edition which LogiCoy is releasing to the community.

Title	Link	Status
June 2008		
Java CAPS 6/JBI Note 4 – File to File, with Java logic using Java EE SE	http://blogs.czapski.id.au/2008/06/java-caps-6jbi-note-4-file-to-file-with-java-logic-using-java-ee-se	Not done
Java CAPS 6/JBI Note 3 – File-2-File with CSV to XML Decode/Encode	http://blogs.czapski.id.au/2008/06/java-caps-6jbi-note-3-file-2-file-with-csv-to-xml-decodeencode	Not done
Java CAPS 6/JBI Note 2 – Basic File-to-File projects with multi-record files	http://blogs.czapski.id.au/2008/06/java-caps-6jbi-note-2-basic-file-to-file-projects-with-multi-record-files	Not done
Java CAPS 6/JBI Note 1 – Basic File-BPEL-File Project	http://blogs.czapski.id.au/2008/06/java-caps-6jbi-note-1-basic-file-bpel-file-project	Not done
July 2008		
Java CAPS 6/JBI, Note 5 – HTTP BC to SMTP BC, No BPEL	http://blogs.czapski.id.au/2008/07/java-caps-6jbi-note-5-http-bc-to-smtp-bc-no-bpel	Not done
January 2009		
HL7 Processor Demonstration – Java CAPS 6/JBI and OpenESB	http://blogs.czapski.id.au/2009/01/hl7-processor-demonstration-java-caps-6jbi-and-openesb	Not done
June 2009		
Quick Note 003 for JBI-based JMS Publisher and Subscriber example for Leonard Barkley	http://blogs.czapski.id.au/2009/06/quick-note-003-for-jbi-based-jms-publisher-and-subscriber-example-for-leonard-barkley	Not done
GlassFish ESB v 2.1 – Creating a Healthcare Facility Web Service Provider	http://blogs.czapski.id.au/2009/06/glassfish-esb-v-2-1-creating-a-healthcare-facility-web-service-provider	Not done
July 2009		
Java CAPS 5 / 6, OpenESB, GlassFish ESB – Handling SOAP Headers in BPEL	http://blogs.czapski.id.au/2009/07/java-caps-5-6-openesb-glassfish-esb-handling-soap-headers-in-bpel	Not done
GlassFish ESB v2.1, MySQL	http://blogs.czapski.id.au/2009/07/glassfish-esb-v2-1-	Not done

v5.1 – Creating a Patient Service Web Service Provider	mysql-v5-1-creating-a-patient-service-web-service-provider	
GlassFish ESB v2.1, MySQL v5.1 – Make HL7 v2.3.1 Delimited Messages from Custom Delimited Records with HL7 Encoder and HL7 BC	http://blogs.czapski.id.au/2009/07/glassfish-esb-v2-1-mysql-v5-1-make-hl7-v2-3-1-delimited-messages-from-custom-delimited-records-with-hl7-encoder-and-hl7-bc	Not done
August 2009		
GlassFish ESB v2.1, OpenESB – Configuring HTTP BC for Plain WS-Security 1.0 Username Token Support	http://blogs.czapski.id.au/2009/08/glassfish-esb-v2-1-openesb-configuring-http-bc-for-plain-ws-security-1-0-username-token-support	Not done
September 2009		
GlassFish ESB v2.1 – Excessive length of Stay Healthcare IEP Demonstration	http://blogs.czapski.id.au/2009/09/glassfish-esb-v2-1-excessive-length-of-stay-healthcare-iep-demonstration	Not done
HL7 Processor Demonstration – GlassFish ESB v2.1	http://blogs.czapski.id.au/2009/09/hl7-processor-demonstration-glassfish-esb-v2-1	Not done
November 2009		
GlassFish ESB v2.1 Field Notes – JavaScript Codelets to Make BPEL Process Wait for a Random Duration Up to a Maximum number of Milliseconds	http://blogs.czapski.id.au/2009/11/glassfish-esb-v2-1-field-notes-javascript-codelets-to-make-bpel-process-wait-for-a-random-duration-up-to-a-maximum-number-of-milliseconds	Not done
GlassFish ESB v2.1 – Using JavaScript Codelets to Extend BPEL 2.0 Functionality	http://blogs.czapski.id.au/2009/11/glassfish-esb-v2-1-using-javascript-codelets-to-extend-bpel-2-0-functionality	Not done
January 2010		
GFESB v2.x – Using NMProperties in BPEL 2.0 to force the HTTP BC to send the "connection: close" HTTP header	http://blogs.czapski.id.au/2010/01/gfesb-v2-x-%e2%80%93-using-nmproperties-in-bpel-2-0-to-force-the-http-bc-to-send-the-%e2%80%9cconnection-close%e2%80%9d-http-header	Not done
GFESB v2.x – Using WS-Addressing in BPEL 2.0 to implement the "Routing Ticket" EIP Pattern	http://blogs.czapski.id.au/2010/01/gfesb-v2-x-using-ws-addressing-in-bpel-2-0-to-implement-the-%e2%80%9crouting-ticket%e2%80%9d-eip-pattern	Not done
GlassFish ESB v2.x – Reading and Writing arbitrary SOAP Headers in BPEL 2.0 using NMProperties	http://blogs.czapski.id.au/2010/01/glassfish-esb-v2-x-reading-and-writing-arbitrary-soap-headers-in-bpel-2-0-using-nmproperties	Not done
GlassFish ESB, v2.x – BPEL SSL Mutual Auth Mk.II and	http://blogs.czapski.id.au/2010/01/glassfish-esb-v2-x-bpel-ssl-mutual-auth-mk-ii-and-using-jbi-ws-addressing-f	Not done

using JBI WS-Addressing for explicit routing – Exploring Effects of Security Policies, Rev.0.4.1	or-explicit-routing-exploring-effects-of-security-policies-rev-0-4-1	
GlassFish ESB v2.2 – Processing Explicit HL7 v2 Accept Acknowledgements	http://blogs.czapski.id.au/2010/01/glassfish-esb-v2-2-processing-explicit-hl7-v2-accept-acknowledgements	Not done
GlassFish ESB v2.2 Notes – HL7 v2 Handling – Notable improvements in BPEL Mapper	http://blogs.czapski.id.au/2010/01/glassfish-esb-v2-2-notes-hl7-v2-handling-notable-improvements-in-bpel-mapper	Not done
GlassFish ESB v2.2 Field Notes – Ephemeral, JVM-global, POJO-based Sequence Number Generator for BPEL	http://blogs.czapski.id.au/2010/01/glassfish-esb-v2-2-field-notes-ephemeral-jvm-global-pojo-based-sequence-number-generator-for-bpel	Not done
GlassFish ESB v2.2 Field Notes – Exercising Load Balanced, Highly Available, Horizontally Scalable HL7 v2 Processing Solutions	http://blogs.czapski.id.au/2010/01/glassfish-esb-v2-2-field-notes-exercising-load-balanced-highly-available-horizontally-scalable-hl7-v2-processing-solutions	Not done

Summary

In this article I am listing articles which I may get around to updating to work with LogiCoy's version of OpenESB – OpenESB v2.3, in case anyone cares, and so as to make the effort I put into them originally less of a waste.