

Self-study labs for IBM Integration Bus for Developers

Try out the self-study guides and develop your skills in IBM Integration Bus.

Most of these labs were created for use as part of IBM BetaWorks' IBM Integration Bus Workshops.

Each lab comprises one or more guides as PDF files, and is usually accompanied by an archive file (.zip file) that you can use to complete the lab activities. Some scenarios also require additional software products such as IBM DB2, IBM ODM, and WebSphere Application Server.

These labs were created on a Windows 7 system, so the scripts and commands provided are applicable to a Windows environment.

Most of these labs were used in the IBM Integration Bus V10 workshop led by IBM Betaworks.

Notes:

- Labs 1-13 were in the main agenda; Labs 14 & 20 are new as of 02/2016; Labs 89 onward were optional in the workshop. *There are no other labs from the workshop.*
- Other labs have been added since the workshop
- Some labs have been updated to reflect updates to the IBM Integration Bus product; for example, as updates to IIB 10.0.0.4.
- If you want to get all the Labs, you can download the following files:
 - [IIB10_Labs_PDFs.zip](#) (71 MB) Updated 24th April 2017
 - [student10.zip](#) (190 MB) Updated 20th January 2017
- The Labs are based on scripts and resources in the local directory, C:\student10. If you download a Lab file, or the complete file betaworks2016_iib10004_student10.zip, extract it to C:\ to create the folder C:\student10.
- Some of the labs depend on the HRDB database and tables for DB2, and the scripts (and DDL) that you need to run are provided are for the users iibuser and iibadmin. When creating your own environment, you may need to alter the database schemas and authorities in the DDL to reflect your own environment; for example, for the scripts to configure database permissions to GRANT access to your own user ID instead of iibuser.

Some information about recreating the HRDB database and tables and permissions for your own environment are given in the PDF for Lab 1.

- The VMWare image mentioned in Lab instructions was only for use in the IBM Betaworks workshops run at IBM Hursley. Unfortunately, we can't distribute the VMWare image outside IBM, because it contains non-IBM software (Microsoft Windows), and we would be violating the license agreement we have with Microsoft if we did that.
- A useful tool for IIB development on Windows is the Event Log Monitor, mentioned in the the lab PDFs. This tool continuously

monitors the Windows Event Log, and all messages from the log are displayed immediately. This tool is not part of the IIB product, and is made available “as is”, with no provision for support or warranty:

Sept 2019: There is an updated version of the Event Log Monitor, which waits for events from the Application log matching the event source ‘IBM Integration’ or ‘WebSphere Broker’ or ‘IBM App Connect Enterprise’. You can download the ZIP file from [EventLogMonitor.zip](#).

- To run the Log Viewer, just put both files in the same folder, and then run the .exe file. (There’s no need to include in the PATH.)
- The Log Viewer simply subscribes to the Windows Event Log, and displays IIB event log entries (or WMB entries) as shown in the Lab guide.