ELIXIR REPERTOIRE

Integrated Business Intelligence Suite

Intelligence
On Demand

Installation Guide

Elixir Technology

Intelligence On Demand

1. Installing Elixir Repertoire 6

Elixir Repertoire is an integrated Business Intelligence suite, designed for enabling Intelligent Enterprises to compete effectively in this fast-moving globalized market. Covering an end-to-end Business Intelligence Life-Cycle, it is fully integrated in one single installation and can be separately purchased and enabled with the appropriate license key control.

This suite comprises the following products:

- Elixir Ensemble
  Data Aggregation, Extract-Transform-Load (ETL) and OLAP Cube transformation

- Elixir Report
  Enterprise Reporting for Web, Print and Mobile Delivery

- Elixir Perspective
  Information Dashboard for Navigating and Visualizing Enterprise Data

- Elixir Choreographer
  Data Activation and Automation for Performance Monitoring

This guide provides step-by-step instructions for installing Elixir Repertoire, both the Professional and Server editions.

Under the Professional Editions, we have:

- Elixir Ensemble Professional

- Elixir Report Professional

- Elixir Perspective Professional

- Elixir Choreographer Professional

For an integrated Business Intelligence Suite, we have all the above integrated, and called, Elixir Repertoire Professional

To proceed with the installation, you can view the main areas below:

- Installation Requirements

- Before Installation

- Installing Elixir Repertoire Professional

- Installing Elixir Repertoire Server or Web Application

- Deploying the License Key

- Getting Started

2. Installation Requirements

Supported Platforms

Elixir Repertoire supports any JDK 1.4.2 (or higher) compliant platforms such as the following:

- Windows

- Solaris (including 10)

- AIX

- Linux

- Macintosh OS X (10.2 or higher)

Software Requirements

Elixir Repertoire requires the following software to run. Please make sure you install the software prior to installing Elixir Repertoire:

- JDK 1.4.2 and higher (The newer versions of Elixir Repertoire requires a later version of JDK.)
  For 64 bit Operation System, the Java VM has to be a specific version suitable for 64 bit execution. Please check for the right Java VM variant to use in this situation.

- Client browser: I.E. 5.5 or higher, Netscape 6 or Firefox

- Adobe Acrobat PDF viewer plug-in on the client web browser

Minimum Installation Requirements

Elixir Repertoire (Ensemble/Report/Perspective/Choreographer) Professional

- Intel® X86 processor equivalent or higher is recommended.

- The recommended RAM for running any one of the Elixir Professional Edition is 256MB.

- 40MB disk space is required for installation of Elixir Repertoire Professional, documentations, and samples.

Elixir Repertoire Server

- Intel® X86 processor equivalent or higher is recommended.

- The minimum RAM for running Elixir Repertoire Server is between 256 to 512 MB but it is recommended to have at least 512 MB.

- 37MB disk space is required for the installation of Elixir Repertoire Server and documentations.

Elixir Repertoire Web Application

- Intel® X86 processor equivalent or higher is recommended.

- The minimum RAM for running Elixir Repertoire Web Application is between 256 to 512 MB but it is recommended to have at least 512 MB.

- 35MB disk space is required for installation of Elixir Repertoire Web Application, documentations, and samples.

Additional System Requirements

- 50MB for Java Virtual Machine (depending on the version)

- User data storage requirement is additional, and it varies according to different usage.

Tip: All system requirements are subject to data volume, report complexity, usage concurrency, and desired response time. For optimal performance, you may request for system sizing assistance or specific benchmark results by contacting our technical team at support@elixirtech.com.

3. Before Installation
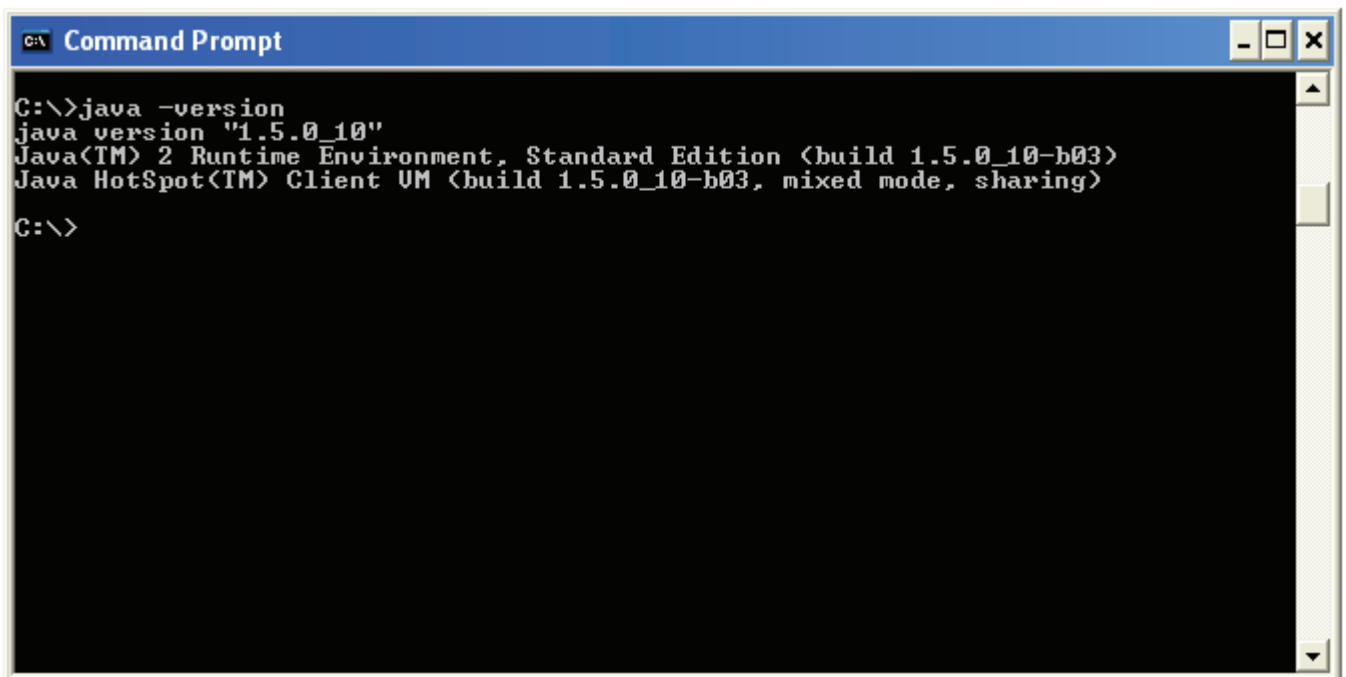
Ensure you have Administrator privileges.

If you are installing Elixir Repertoire on a computer running any of the supported operating systems (see Minimum Installation Requirements above), you must have Administrator privileges. The installation process creates registry entries and may update some system files that require Administrator rights.

Ensure Java is pre-installed.

The software requires a Java VM version 1.4.2 or later. Java 5 (a.k.a version 1.5) is recommended as some features are only available when running in Java 5.

If you do not have Java pre-installed, please download and install it from http://java.sun.com/javase/downloads/index.jsp

Tip: To test if your system is Java enabled, open a Command Prompt or equivalent Console and enter "java -version". This will show the version of Java installed in your system, if any.
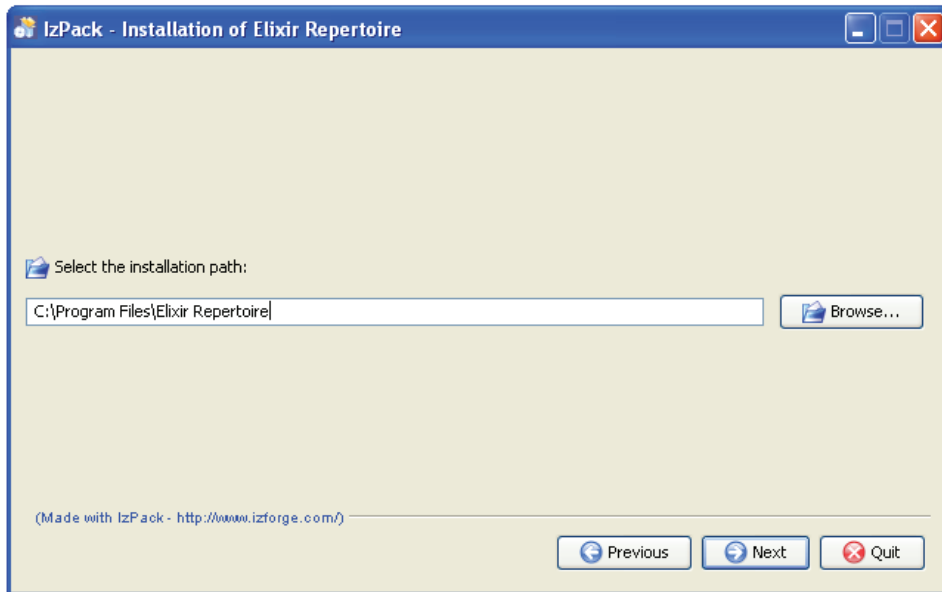
```
C:\>java -version
java version "1.5.0_10"
Java(TM) 2 Runtime Environment, Standard Edition (build 1.5.0_10-b03)
Java HotSpot(TM) Client VM (build 1.5.0_10-b03, mixed mode, sharing)

C:\>
```

4. Installing Elixir Repertoire Professional

1) **For Windows Platform**, please click and run Elixir Repertoire Installer-6.x.x.exe to begin guided installation.

   For any Java enabled platforms, please click and run Repertoire-Installer-6.x.x.jar to begin guided installation.

2) Click on Next, and the License Agreement appears.

3) Choose either Agree or Disagree, and click Next, if you agree.

4) Read through the readme guide, and click Next.

5) Installation Path Dialog box appears and you can choose to install at your desired location should it be different from the default directory of C:\Program Files\Elixir Repertoire

Do take note that if you are installing an upgrade of Elixir Repertoire, the installation wizard will prompt you with a warning, stating that the new version will be installed at the default location, thus overwriting your old version of Elixir Repertoire. If you wish to keep the previous version, do rename the installation path to prevent overwriting the old version.

6)   Click on Next to begin the installation.

7)   Depending on the speed, the installation of Elixir Repertoire will be completed in a few minutes.

5. Installing Elixir Repertoire Server or Web Application

Elixir Repertoire Server (ERS) provides a unified solution addressing all levels of operations from two-tier client-server architecture to complex three-tier enterprise environment. For scalability and performance, ERS may be deployed in a server farm with software or hardware load-balancers for load balancing and fail-over.

Installing ERS

Install ERS by unzipping the following Elixir Repertoire Server package to a location in the target file system i.e. C:\Program Files\Elixir Repertoire\. No additional installation steps are necessary.

Elixir Repertoire Server

•   Elixir Repertoire Server-6.x.x.zip

Elixir Repertoire Web Application

•   Elixir Repertoire Servlet -6.x.x.zip

•   Elixir Repertoire Servlet with Jetty - 6.x.x.zip

Uninstalling ERS

Uninstall ERS by removing the ERS folder. No additional un-installation steps are necessary.

Directory Structure

ERS consists of the following folders:

•   bin – startup and shutdown scripts

•   choreographer – task scheduling component

•   clients – Java client API library and demo program

•   config – configuration files

•   docs – documentation

- ext – extension folder for third-party libraries

- lib – core server libraries

- license – license files

- log – log files

- output – pre-defined server output target folder

- samples – report and data source samples

Starting ERS

ERS comes with two versions of startup scripts, startServer.bat for Windows and startServer.sh for Unix/Linux environment. They both invoke Java Virtual Machine (JVM) with the same set of command-line options.

startServer.bat

```
%JAVACMD% -mx512M -Delixir.home=.. -Delixir.config=../config -jar
-Djava.security.auth.login.config=../config/auth.conf
-Djava.security.policy=../config/java2.policy RepertoireServer-Launcher.jar
```

startServer.sh

```
$JAVACMD -mx512M -Delixir.home=.. -Delixir.config=../config -jar
-Djava.security.auth.login.config=../config/auth.conf
-Djava.security.policy=../config/java2.policy RepertoireServer-Launcher.jar
```

- -mx512M – set maximum JVM heap size to 512 megabytes

- -Delixir.home=.. – set property elixir.home to ERS root installation directory

- -Delixir.config=.. – set property elixir.config to the default server config folder

- -Djava.security.auth.login.config=../config/auth.conf – set auth.conf as the default system authentication configuration file

- -Djava.security.policy=../config/java2.policy – set java2.policy as the default system security policy file

- RepertoireServer-Launcher.jar – server launcher

Stopping ERS

Similar to server startup scripts, two versions of shutdown scripts are provided for graceful shutdown of active server instances.

stopServer.bat

%JAVACMD% -jar RepertoireServer-Shutdown.jar %*

stopServer.sh

$JAVACMD -jar RepertoireServer-Shutdown.jar $*

- RepertoireServer-Shutdown.jar – server shutdown program

Alternative ways of installing ERS

There are many alternative ways of installing ERS. To find out how, email to our Elixir Support team at support@elixirtech.com

6. Deploying the license key

Elixir Repertoire software is delivered in a full package which includes all the various software components. It is your license key that determines which components get activated.

To activate the various components, the following keys will have to be saved and deployed.

Elixir Repertoire Professional

- Elixir Report Professional : ElixirReportDesigner-LicenseDeployer.jar

- Elixir Ensemble Professional : ElixirEnsembleDesigner-LicenseDeployer.jar

- Elixir Perspective Professional : ElixirPerspectiveDesigner-LicenseDeployer.jar

- Elixir Choreographer Professional : ElixirChoreographerDesigner-LicenseDeployer.jar

Elixir Repertoire Server or Web Application

- Elixir Repertoire Server
  o Dual Engine : ElixirRepertoireServerDualEngine-LicenseDeployer.jar (for evaluation copy only)
  o Multi Engine : ElixirRepertoireServerMultiEngine-LicenseDeployer.jar

- Elixir Report Server
  o Dual Engine : ElixirReportServerDualEngine-LicenseDeployer.jar
  o Multi Engine : ElixirReportServerMultiEngine-LicenseDeployer.jar

- Elixir Ensemble Server
  o Multi Engine : ElixirEnsembleServerMultiEngine-LicenseDeployer.jar

- Elixir Perspective Server (Web Application)
  o Web Application: Elixir Perspective WebApp - LicenseDeployer.jar

- Elixir Choreographer Server
  o Multi Engine : ElixirChoreographerServerMultiEngine-LicenseDeployer.jar

By double clicking on the .jar files, the license key will be deployed and saved at $USER_HOME directory i.e. C:\Documents and Settings\User

Note: On a Java enabled platform, one should be able to run a JAR file by double-clicking on the JAR file. However, due to cases of potential conflicting file association, other applications like Winzip may take over opening of a JAR file. In such case, please open a Command Prompt or equivalent Console in the same directory as the saved JAR file and enter java -jar XXX.jar, where XXX is the name of the deployer required.

7. Getting started

Once the license keys are deployed, you may run the respective software by navigating into the \bin directory to select the appropriate launcher. For the Professional Editions, a shortcut icon at the Start Menu is set up for easier navigation.

You should also get familiarized with the user manual included within the software for the different components of Elixir Repertoire:

C:\Program Files\Elixir Repertoire\docs or C:\Program Files\RepertoireServer\docs.

If you run into any problems during installation of Elixir Repertoire, please send your queries to Elixir Support team at support@elixirtech.com.