Migrating from Repertoire 6 to 8

Migration effort from Repertoire 6 to Repertoire 8 should be minimal. Reports, Data Sources, Dashboards are kept compatible. However, it is advisable to set up a test environment to ensure that your application is working fine with Repertoire 8. Repertoire 8 is certified to run on any Java runtime version 1.5.0_08 or later.

Repertoire Server 8 has greatly improved the configurability of the system environment such as repository filesystem and user access security. A web interface is provided for administration, repository browsing, triggering of reports, and accessing to reports, data sources and dashboards. JMX HTTP console is deprecated as system monitoring is supported via standard Java JMX console, available as part of Java Development Kit.

Repertoire Server 8 provides a new REST APIs to access the entire range of server services. The Java ERSClient API for rendering reports and data sources is retained for backward compatibility.

Perspective is now part of Repertoire 8 Server component. The Perspective Servlet web archive file or a separate J2EE server is no longer required. You are advised to retest all dashboards designed in Repertoire 6 with Repertoire 8 Designer and Server. Minor modifications may be needed to support new features implemented such as a fixed-sized card dimension and the use of borders with margin and padding for aesthetic and precision layout control.

Checklist

General	• Java Runtime Environment (JRE) version 1.6 or later • Repertoire 8 license keys
Designer	• No major change • Interface of the Designers in version 6 remains the same in version 8 • Templates compatible with Repertoire 6 as RML, DS and PML. No migration needed • Usability improvement such as collapsible repository panel, and access to group setting at report bands • Perspective features have been significantly improved, and testing is required • Repertoire Remote, which acts as a Rich Client Viewer with processing done at Server, is now available with the Repertoire 8 Server. Additional license is required to enable its Designer functionality
Server	• Administration Web interface provided for configuring • Group and user/password setting o Default administrator account for server login is user = admin and password = sa o Repository setup and access control • A web interface for navigating the filesystems to view and render reports, dashboards, data sources and jobs. The HTML and CSS files for this interface can be customized with any web editing tools. • There is no more Elixir's own JMX HTTP client and port 8089 is no longer in use. To use JMX, please refer to JMX console configuration for the specific Java version in use • Web browser required are Mozilla Firefox version 2 and Microsoft Internet Explorer version 6 or later. However, as IE6 has bug in transparency support, one should use IE8 for dashboard rendering in particular where transparency is used extensively • Default port configuration o 8080 for Remote and web view (configurable) or, o 8443 for HTTPS secure connection (configurable) • Remote Designer requires Java Web Start to be available, which is now part of newer Java Runtime Environment installation like in Java SE 6

Configuration	• Server configuration in ERS2.xml o Default Port number is 8080 • Secured connection o HTTPS configuration (Please refer to Elixir Repertoire Server User Manual included in the software package) • Target o ReplyTarget is implicit. No need to set the target as "me" • Repository o Setting is no more in a file but is kept in a built-in database which can only be accessed via web-based administration • User and Group o Role in Repertoire 6 Server is replaced by Group in Repertoire 8 Server. o Configuration can only be made via web-based administration • Various logs are accessible via web-based administration.
Client	• Embedding Repertoire Runtime in Java application for Java SE 6 or later • ERSClient API supported • Updated RepertoireClient.jar for Repertoire 8 Server • JDom is not longer needed • REST API over HTTP protocol