

This section describes the features included, product limitation and known issues of Repro Beta-2.0 edition.

### **What's in Beta-2.0?**

It has been built using industry standard technologies, with the objective being a one-stop solution for mission-critical, enterprise reporting requirements, providing a powerful web-based reporting generation and management capabilities.

Repro offers open standards based, platform-independent, fast, robust, scalable and extensible reporting solution, which can easily fit into any application environment. It allows a centralized environment for capturing and organizing enterprise-wide reporting requirements and provides a scalable and tightly managed platform for scheduled, as well as on-demand report generation in choice of output formats, and web-enabled delivery mechanisms. Access to reports (or part of a report) can be controlled by a role based access control policy.

### **Features available in Repro Enterprise Beta-2.0**

1. Report Template Upload
  - 1.1. Upload a new or an existing report template with a click from Repro Designer
  - 1.2. Import pre-generated report template from Enterprise
  - 1.3. Store report templates in the specific folder
  - 1.4. Store generated reports in a specific folder
  - 1.5. Define file naming conversion for output reports.
2. Role Based Report Access
  - 2.1. Admin\_user - add, modify, delete a user or a role
  - 2.2. Schedule\_report - add, or modify a report template and schedule a report for generation
  - 2.3. Generate\_report - generate and view on demand report
  - 2.4. View\_report - view the already generated reports
3. User Management - administrator assign roles, user changes own profile
4. Report Scheduling
  - 4.1. Add, modify or delete a report schedule
  - 4.2. The report can be scheduled for
    - Now
    - Once
    - Recurring patterns

- 4.3 Auto notification for
  - Successful completion of task
  - Failure
- 4.4 Export in popular formats - PDF, HTML, RTF, Excel, Word, TXT
- 4.5 Parameterized report with static and dynamic values
- 4.6 Choose any version of the report template
  
- 5. Report Publishing & dispatching - with right format to right people in right time
  
- 6. Drill Down Report - hyperlinks for details

### **Features available in Repro Designer Beta-2.0**

- 1. Rich Data Presentation with static & dynamic data.
  - 1.1. Grid, Analyzable Cross-Tab report
  - 1.2. Tabular report
  - 1.3. Rich charting
  - 1.4. Conditional formatting
  - 1.5. Grouped data format (Sub-group)
  
- 2. Powerful SQL Feature
  - 2.1. Visual Query Builder
  - 2.2. Manual Query Editor
  - 2.3. SQL Syntax Checker
  - 2.4. Graphical database object viewer
  - 2.5. SQL Function Library
  - 2.6. Multiple Database Support (Oracle, Sybase, SQL Server, MySQL)
  - 2.7. Database connectivity checker
  
- 3. Access Data from Multiple data-source
  - 3.1. Multiple Database access within single report
  - 3.2. RDBMS Data-source
    - 3.2.1. SQL Server 2000
    - 3.2.2. Oracle 9i and 10g
    - 3.2.2. Sybase ASE 15
    - 3.2.3. MySQL 4.0
  - 3.3. Extensive support for XML data source conforming to DTD
  - 3.4. Easy to use interface with visual mapping of DTD
  - 3.5. Access data from CSV files and visually map in reports
  
- 4. High Quality Multiple Export Format
  - 4.1. PDF, optionally with encryption
  - 4.2. MS Office2003, Word and Excel (MS Office2007 Compatible)

- 4.3. RTF
- 4.4. HTML
- 4.5. Text
  
- 5. Visual Expression Builder
  
- 6. Visual Script Builder
  
- 7. Parameterized report

### **System Requirements**

- 1. Common
  - 1.1. 512MB of RAM required (1GB recommended)
  - 1.2. Up to 500 MB of available hard-disk space
  - 1.3. Java SE Runtime Environment 5.0 (JRE 5.0)
  
- 2. Windows
  - 2.1. Intel Pentium processor
  - 2.2. MS Windows XP Professional or Home Edition (Service Pack2)
  - 2.3. To View encrypted PDF use Acrobat Reader 6 and above
  
- 3. Macintosh
  - 3.1. PowerPC G3, G4, or G5 processor
  - 3.2. Mac OS X v10.2.8, 10.3, or 10.4

### **Limitations**

- 1. Cross-Tab: Above 2nd level of Cross-tab is not supported.
  
- 2. Limited aggregate functions are available for Cross-Tab & Sub-group.
  
- 3. Tabular Report Layout: Two tables cannot place side-by-side.
  
- 4. Visual Function Builder: Limited mathematical functions are available.
  
- 5. Visual Query Builder: Sub-Query is not supported.
  
- 6. Reverse-engineering of Visual Query is not supported.

## **Recommendations to users**

### **Installing on Windows:**

Users need to have at least 40 MB of free space in order to install Repro Designer. Double click on Repro\_windows\_1\_2.exe to start the installation

process. A welcome screen appears. Click on next to proceed further. Then select a folder where Repro Designer will be installed (e.g. C:\Program Files\Repro). Click next to proceed to select components dialog. Ensure that the checkbox alongside Repro Visual Designer is enabled. Click next to proceed to select start menu folder. Key in a name( e.g. Repro Visual Designer) and click next to proceed. After successful installation, a dialog appears notifying the users about the completion of the installation stage. Click finish to exit setup.

### **Invoking Designer**

Click Start -> Programs and search for an entry termed Repro Visual Designer. Click on the submenu Repro Designer to invoke the designer.

### **Installing on Mac :**

Double click on Repro\_macos\_1\_2.dmg to start the installation process. An installer Repro Visual Designer will be created. Double click on Repro Visual Designer to install Repro Designer. A welcome screen appears. Click on next to proceed further. Then select a folder where Repro Designer will be installed (e.g. /Users/Shared/Repro). Click next to proceed to select components dialog. Ensure that the checkbox alongside Repro Visual Designer is enabled. Click next to proceed to select start menu folder. Key in a name( e.g. Repro Visual Designer) and click next to proceed. After successful installation, a dialog appears notifying the users about the completion of the installation stage. Click finish to exit setup.

### **Invoking Designer**

Visit the folder Macintosh HD ->Users->Shared->Repro and double click Repro Visual Designer(icon).

## **Configuring Repro Designer to work with databases**

In order to work with databases it is required to keep a copy of the JDBC driver jars in the user machine. The drivers maybe downloaded from the listing given below and added to the designer environment as and when required. It is recommended you copy the corresponding jar to /lib.

## Download Driver

Driver/Version	Compatibility	Name
<a href="#">Oracle JDBC Driver 10.2.0.1.0</a>	Oracle 10.2.0.1.0	ojdbc14.jar
<a href="#">SQL Server Driver 2.2.0040</a>	SQL Server 2000 8.00.2039	mssqlserver.jar, msbase.jar, msutil.jar
<a href="#">SQL Server Driver 1.0.809.102</a>	SQL Server 2005 09.00.1399	sqljdbc.jar
<a href="#">mysql-connector-java-3.1.12</a>	MySQL 4.1.19, MySQL 5.0.21	mysql-connector-java-5.0.4- bin.jar
<a href="#">Sybase iConnect 6.05 EBF13044</a>	Sybase ASA 9.0.2.2452	jconn3.jar
<a href="#">Sybase iConnect 5.5 EBF13045</a>	Sybase ASA 9.0.2.2452	jconn2.jar

## Contributed Software

This release includes the following third-party code:

1. [FOP](#), from Apache for FO to PDF conversion
2. [JFreeChart for Charting](#)
3. [RenderX for FO to HTML support](#)
4. [Substance for professional look-&-feel](#)

## Version History:

1. Beta 2.0 (2006-11-15): First release
2. Beta 1.0 SP 1(2006-07-14): Service Pack 1
3. Beta 1.0 (2006-04-29): First release