

DataNovata

Easy, Rapid, and Complete
Web-Enabled Data Inquiry

Fact Sheet

DataNovata is a powerful software tool designed to rapidly build a software application giving access to the data within any relational database. DataNovata provides easy and instant access to all your archived data, reducing the costs of supporting old and expensive platforms.

Within minutes, DataNovata will generate a feature-rich, web-enabled application for any relational database, providing powerful, secure data retrieval. The generated application produces every possible logical view of database contents, where the user can access any data that is stored in the database, at a summary level and at a detailed level, through a series of default and/or customized search facilities.

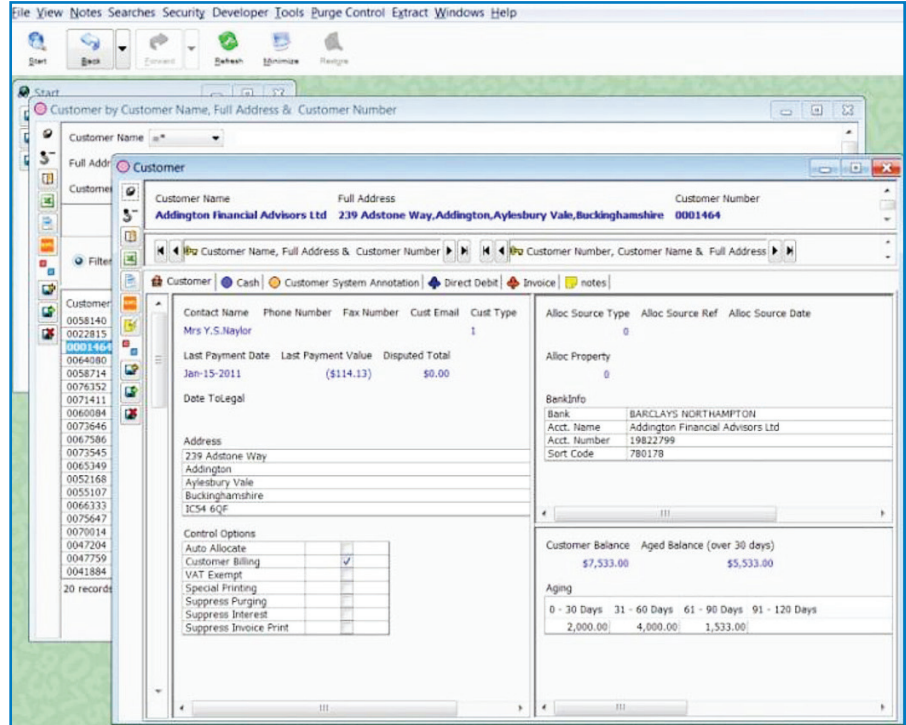
The result is an automatically-generated Java application that replicates enquiry facilities of the original application. End-users can access data from anywhere on your intranet via a standard web browser or Java Web Start. No client installation is required - users simply enter the URL and the client tier of the application is automatically installed and run. The Administrator is able to manage other users and configure application and data security.

After configuration DataNovata automatically extracts all necessary data definitions and relationships from the database and creates a web-enabled Java application within minutes. DataNovata will generate a Search for every key in every table. Search results will display summary windows and detailed windows, based on search criteria specified.

The default search and displays can easily be tailored to accommodate any specific customer requirements. DataNovata's application interface – through an intuitive on-line design, configuration parameters and simple DataNovata Scripts, facilitates rapid and easy customization to meet local customer needs. It requires no technical expertise and is specifically designed to enable the adding and modifying of views.

In addition to its rich search and display capabilities, DataNovata includes features which will complement common legal and regulatory practices, to include:

- Annotations – for legal and audit purposes annotations can be posted at the database row level. Each annotation has a header and text body. When a summary search is done for annotations the list of annotations and their headers are displayed.



- Save to Excel/html/xml – both detailed and summary level information can be exported to external resources – such as Excel, html and xml files.
- Purge Procedures – through the purge procedures the user can purge both individual records (e.g., via customer id), and, multiple records (e.g., all records with Completion Date prior to mm/dd/yy).

Compatibility and Requirements

Apart from the database that is the basis of the application, all that is required is the Java Development Kit (JDK) and a web server. It is also recommended that NetBeans IDE or similar is used for controlling the DataNovata development environment.

The end-user only needs the Java Runtime Environment (JRE).

How Does DataNovata Work?

1

Configuring DataNovata 5.1.0

Setting application database...

Database type: sqserver

Server: localhost

Port: 1433

Instance name:

Database name: DataNovataDemo

Extract user login: DataNovataDemoOwner

Extract user password: *****

Help Log < Previous Next > Cancel

Fill in the database details and click 'Next' to continue

Select Your Database

Configure DataNovata with your database location.

After installing **DataNovata** on the development server along with a suitable J2EE web server (e.g., Tomcat), run the **DataNovata** Configuration Manager. Enter the details of your database into the Manager and set any further options as required.

Many popular database formats are supported, e.g. Oracle, SQL Server, MySQL etc. A compatible version for other database can be supplied.

2

Configuring DataNovata 5.1.0

Selecting application database schemas...

| Schema name | Select |
|--------------------|--------------------------|
| dbo | <input type="checkbox"/> |
| guest | <input type="checkbox"/> |
| INFORMATION_SCHEMA | <input type="checkbox"/> |
| sys | <input type="checkbox"/> |
| application | <input type="checkbox"/> |
| admin | <input type="checkbox"/> |
| notes | <input type="checkbox"/> |
| gateway | <input type="checkbox"/> |
| purge | <input type="checkbox"/> |
| db_owner | <input type="checkbox"/> |
| db_accessadmin | <input type="checkbox"/> |
| db_securityadmin | <input type="checkbox"/> |
| db_dkadmin | <input type="checkbox"/> |
| db_backupoperator | <input type="checkbox"/> |
| db_datareader | <input type="checkbox"/> |
| db_datawriter | <input type="checkbox"/> |

Help Log < Previous Next > Cancel

Select at least one schema and click 'Next' to continue

Generate Your Application

Once the configuration is complete, the **DataNovata** generate process can be run. This extracts all necessary data definitions and relationships from the database and creates a web-enabled application.

Within minutes, the database structure has been examined and your new, web-enabled application has been created, deployed and is ready to use.

3

DataNovata Demo user: master (local - English (United States))

Start Back Forward Refresh Minimize Restore

Customer Invoicing Customer Home Full Address & Customer Number

Customer Number: 0001454 Customer Name: Addington Financial Advisors Ltd Invoice Number: 44614367 Invoice Date: Feb 1, 2011

Invoice

| Alloc Status | Amount Left | Batch Number | Chase Level | Client Contribution | Copies Printed | Copies Required | Dispatch Gp |
|--------------|-------------|--------------|-------------|---------------------|----------------|-----------------|-------------|
| Unallocated | £114.13 | 000 | | 0.00 | 1 | 0 | |

Discount: 0.00 Doc Value: £114.13 Due Date: Feb 1, 2011 Dunn Letter Level: 0 Dunn Suppressed: Direct Debit Est Code: ERJCA Extra Ref: 10 GI Period: 2010

Charge period from 01/02/11 to 28/02/11

| Product Code | Item Description | Net Goods |
|--------------|---|-----------|
| DN | OSMUND DRIVE NO 39 | £0.00 |
| TR | Charge rate: 114.13 per month | £0.00 |
| SR | Charge period from 01/02/11 to 28/02/11 | £114.13 |

Access Your Data and Customize Your Application

End-users can now be given access to your data from anywhere on your intranet (or even the world!) via a standard web browser or Java Web Start.

No installation is required - your users simply enter the URL and the client tier of the application is automatically installed and run.

The Administrator is able to manage other users and configure application and data security.

Additionally, an array of customization options can provide the ideal user interface through the use of on-line design facilities, configuration parameters, and simple **DataNovata** Scripts. And because a **DataNovata** application is pure Java, you always have the option of extending the generated Java classes.

Direct Access to Legacy Data!

Additional capabilities for **DataNovata** are available through Treehouse Software's **tcACCESS** product, which gives **DataNovata** live, read-only access to a wide variety of mainframe data sources. **tcACCESS** allows the automatic mapping of mainframe data, and the **tcACCESS** Windows-based administrator application provides mainframe data transparency, even for users without mainframe knowledge.

Treehouse Software, Inc.
2605 Nicholson Road, Suite 230 • Sewickley, PA 15143 USA
Phone: 724.759.7070 • Fax: 724.759.7067 • Web: <http://www.treehouse.com>

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