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## **JDBC Wrapper Tool**

# FusionReactor JDBC Wrapper Tool User Guide

This document refers to tool version v0.3 but may be applicable to other versions.

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Publication Number: 000000

Print Date 22.10.2008

Revision 01.00

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# 1 Introduction

## 1.1 Scope

This document aims to provide a basic guide to using the FusionReactor JDBC Wrapper configuration tool on ColdFusion systems.

The tool follows 4 distinct steps:

1. Selection of data sources
2. Option settings
3. Confirm actions
4. Results

## 1.2 Requirements

- Adobe ColdFusion 7 / 8
- Access to server web-root (or sub-directory) - file-system
- Access to server web-root (or sub-directory) – browser with JavaScript
- CF Admin (aka CFIDE) administrator user password

## 1.3 Installation

Copy the CFM template file to a folder on the server.  
Use your browser to browse to the template.

The tool uses this single template and has no dependencies other than the requirements listed above.

## 1.4 Version Updates

This tool is still under active development and we recommend checking for updates regularly.

When you initially browse to the tool the file attempts to contact our website to check for updates. This happens only on the initial browse and passes only the current running version information. No personal information is ever transmitted to Intergral.

If your CF instance is unable to check for updates (call a URL) due to a firewall policy or your server is behind a proxy, you will be warned of this but may continue as normal.

## 2 Usage

### 2.1 Select data sources

The initial load screen lists the registered data sources (“DSN list”).

The DSN list is paginated and filterable.

Under each column header is an input box which can be used (with regular expressions) to filter the DSN list to matches on that column with the given filter.

Below the “Select” header you have two quick-links “All” and “None”. These links will check (or un-check respectively) the currently displayed DSNs.

**Note:** Only the currently displayed DSNs are (un-)checked so ensure you are on the correct filter and page.

**Tip:** Select all DSNs by using the “Show all results” and then clicking the “All” link.

**Tip:** Hover over cells in the “Driver” and “Database” columns to see more information for that DSN.

### 2.2 Options

The tool makes an “intelligent” decision as to the mode you would like to run in based on whether the first selected DSN (alphabetically by name) is already wrapped. Always check you’re running in the right mode to wrap or un-wrap data sources.

**Note:** The tool can only un-wrap data sources that have been wrapped using this tool.

#### 2.2.1 Overwrite

You can decide whether you wish to overwrite the existing data sources or create new ones. Overwriting data sources can help reduce down-time and prevent the need to change application configuration to point to new DSNs.

If you choose not to overwrite the existing data sources, “\_WRAPPED” or “\_UN\_WRAPPED” will be added to the DSN name selected.

**Note:** If a DSN already exists with new name then it will not be overwritten and an error will be displayed on the results page for that DSN.

### 2.3 Confirm

Stage 3 of the tool displays the actions about to be performed and asks you to confirm these options.

If there are mistakes in this page you can use the form “<< Back” button to step back through the wizard.

**Note:** The wizard will remember all your selections *except* your CF administrator password.

### 2.4 Results

The results page lists the target DSN name along with a status. Each altered DSN is verified and a "Verified OK" message indicates a successful operation.

## 3 Appendices

### 3.1 Known Issues

This tool is still under active development. Please report all bugs to [sales@fusion-reactor.com](mailto:sales@fusion-reactor.com) including:

- DSN Driver Type
- Tool mode (wrap / un-wrap)
- Overwrite?
- Any error messages displayed
- Screenshot of the error

### 3.2 Roadmap

Some features this tool is likely to incorporate in the future include:

- neo-query.xml / neo-datasource.xml auto-backup
- support CF8 sandbox/DSN restricted users

If you have any suggestions, questions or comments please contact [sales@fusion-reactor.com](mailto:sales@fusion-reactor.com)