



Input Manager™ v2.0
User Guide



Input Manager Introduction

Input Manager for Xcelsius® 2008 streamlines what-if and scenario analysis capabilities within a dashboard. Input Manager reduces performance overhead and complexity of calculator/what-if applications, leading to fast and efficient development. The result is a streamlined configuration for end users to control many input variables within a calculator. Input Manager is a must-have component for any dashboard developer who incorporates calculators or what-if analysis into a dashboard.

Input Manager accomplishes a task not possible with existing components or Excel logic, allowing a single value component to control multiple independent values within a data range. Input Manager can persist and lookup many values using a single component, alleviating a pain often experienced by Xcelsius developers who stacked single value components to control multiple values. The common use case for Input Manager is a dashboard/calculator that relies on multiple input variables.

More Information

If you have any questions about this document please contact Centigon Solutions support at:

support@centigonsolutions.com

<http://centigonsolutions.com/support.html>

For more information, documentation, or templates for Input Manager, visit <http://www.centigonsolutions.com/components/reverseselector.html>

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Install Requirements

Client Requirements

Xcelsius 2008 Service Pack 1 and Greater
Adobe Flash player 9 and higher

Install Disk Space

2 MB

Upgrading from Version 1.X

Input Manager was previously branded as Reverse Selector. Existing Reverse Selector 1.x installs, require no additional steps to upgrade and migrating existing dashboards. Upon installing Input Manager over Reverse Selector, all properties will remain intact. For any additional questions about upgrading and migration, feel free to contact Centigon Solutions support at:

support@centigonsolutions.com

Install Directions

1. Open Xcelsius 2008 Service Pack 1 or higher.
2. Click File>Manage Add-Ons
3. Click on Install Add-On.
4. Navigate and to the downloaded Input Manager.xlsx file.
5. Close the Add-On Manager
6. Re-open Xcelsius 2008 to access Input Manager in the Other folder.

Properties Sheet Overview

General Tab

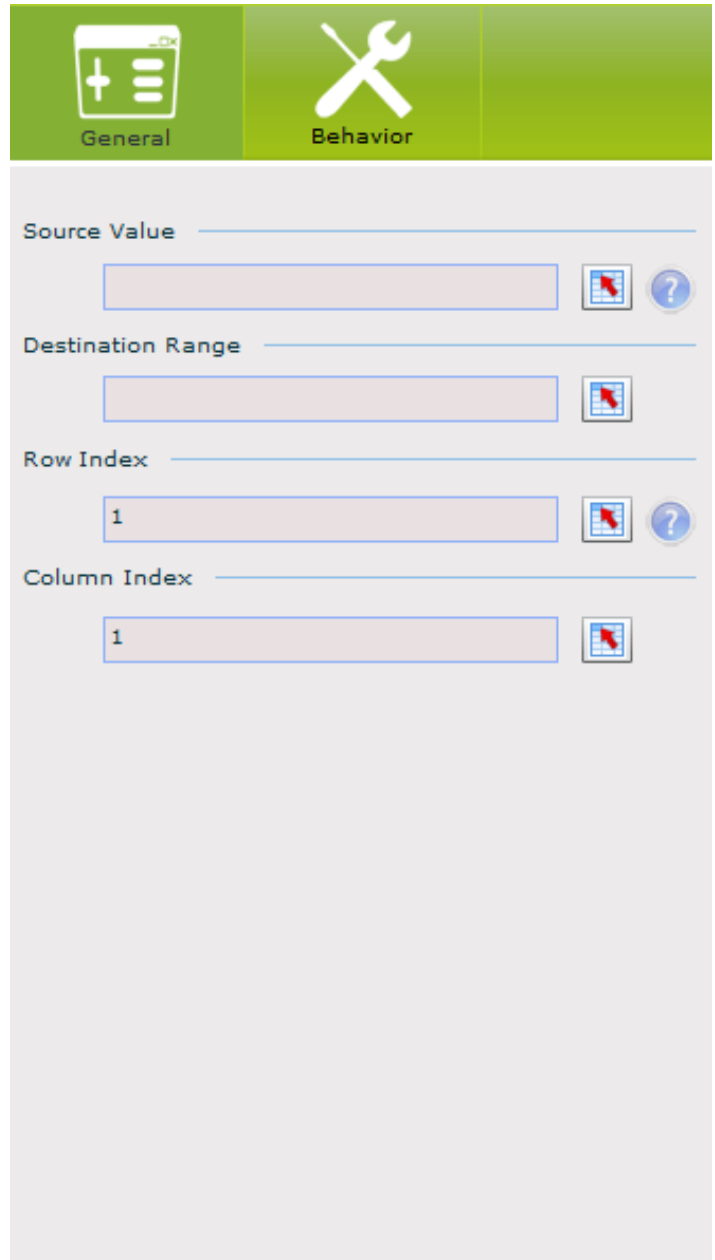
Source Value- Bind a single cell as the source data for Input Manager. The Source Value cell is typically controlled through another Xcelsius single value or text input component.

Note: Do not place Excel logic into the Source Value cell.

Destination Range- A single column, row, or range of data where Source Values are distributed based on the Row and Column Index values..

Row Index- A single value that controls the row where the Source Value is inserted within the Destination Range.

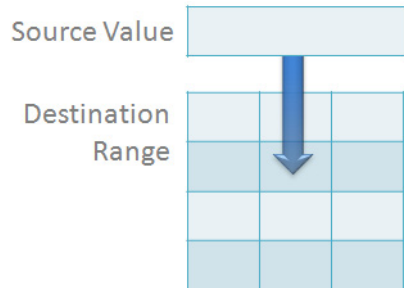
Column Index- A single value that controls the column where the Source Value is inserted within the Destination Range.



Properties Sheet Overview

Behavior

Trigger Insert to Destination Range- Provides precise control to when the Source Value is inserted into the Destination Range.

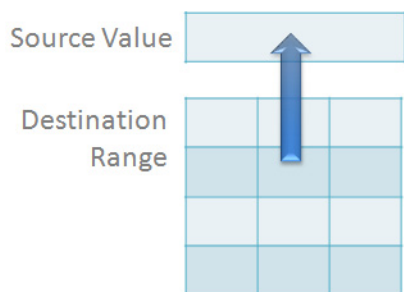


Source Data or Row/Column Index changes- Triggers Input Manager to insert the Source Value into the Destination Range when the Source Value or Row/Column Indexes change.

Source Value changes- Triggers Input Manager to insert the Source Value into the Destination Range only when the Source Value changes.

Destination Range changes- Triggers Input Manager to insert the Source Value into the Destination Range only when value(s) within the Destination Range change.

Trigger Source Value Lookup: Triggers the Input Manager lookup capability where a Destination Range value is inserted into the Source Value cell.



Destination Index Changes- Triggers the Source Value to Lookup a Value from the Destination when the Row or Column Index values change.

Source Value Changes- Triggers the Source Value to Lookup a Value from the Destination when the Row or Column Index values change.

The screenshot shows the 'Behavior' tab of the Input Manager Properties Sheet. The 'General' tab is also visible to the left. The 'Behavior' tab contains the following settings:

- Trigger Insert to Destination Range When:**
 - Source data or row/column index changes
 - Source value changes
 - Destination range changes
- Trigger Source Value Lookup When:**
 - Row/column index changes
 - Source value changes

Properties Sheet Overview

Information Tab

*All elements on the Information tab require an internet connection.

Jumpstart Video- Jumpstart your usage of this component using a quick demonstration video.

Documentation- Download and view PDF product documentation.

Technical Support- Contact support or login to Centigon Solutions customer portal:

<http://support.centigonsolutions.com>

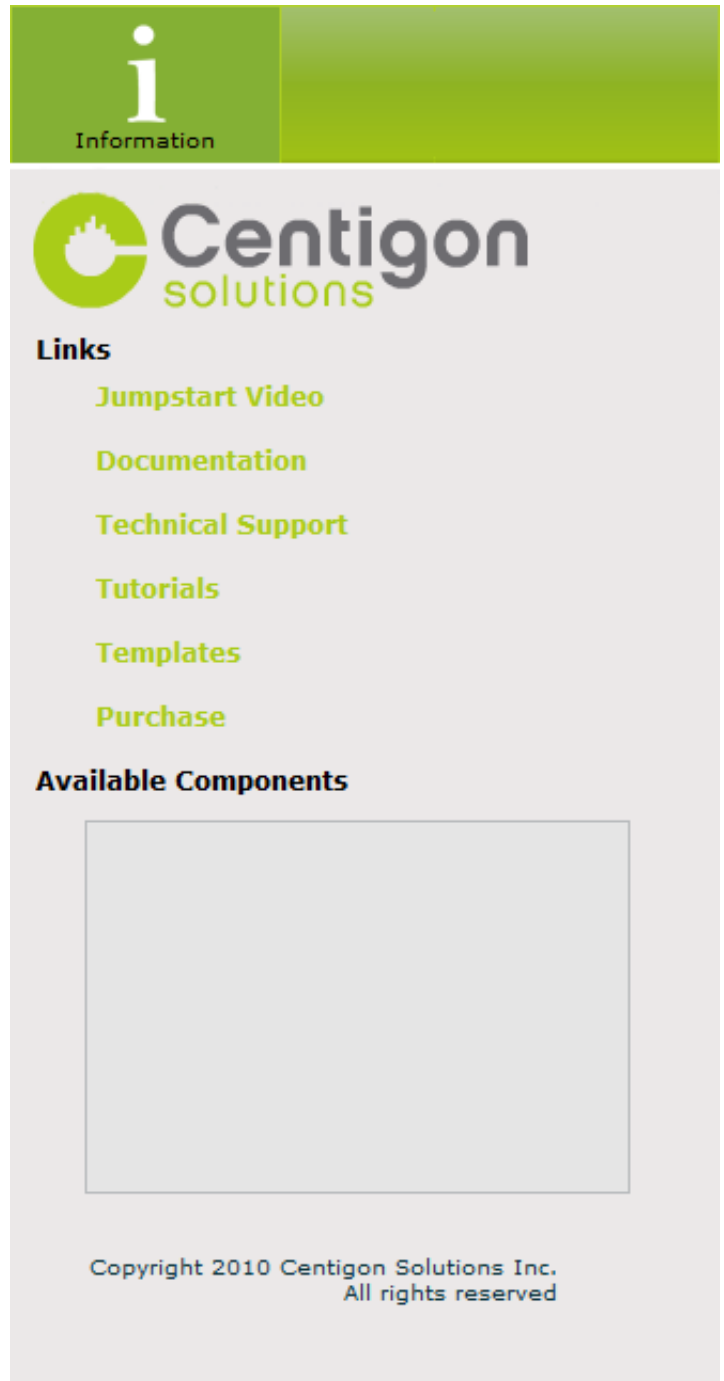
Tutorials: Online tutorials, articles, and white papers for all Centigon Solutions products:

<http://centigonsolutions.com/tutorials.html>

Templates- Download free templates using Centigon Solutions components.

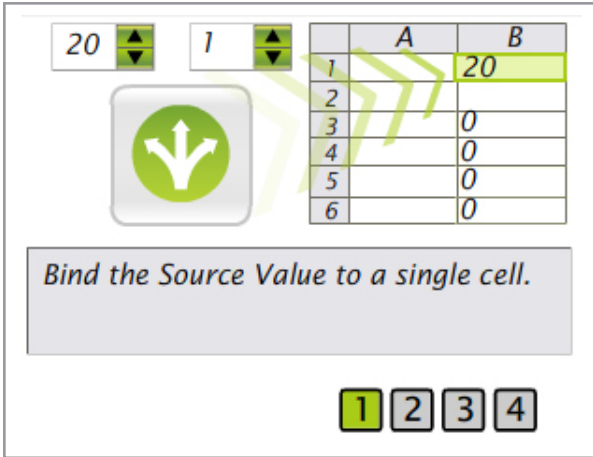
Purchase- Purchase copies of this component directly from Centigon Solutions web store.

Available Components- A real time list of all available components from Centigon Solutions. Selecting any component from the list box will launch a browser that navigates to component specific information.

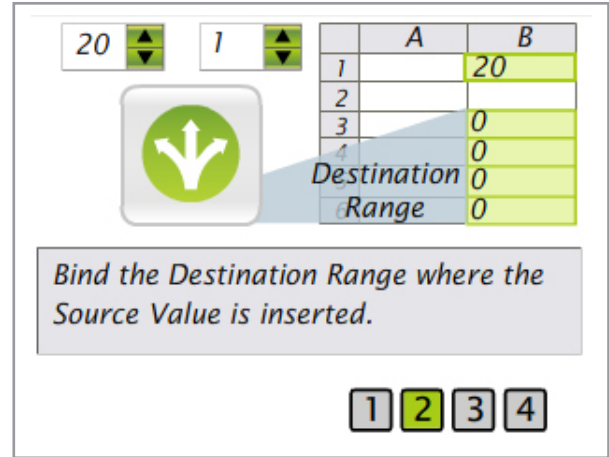


The image shows a UI mockup for the 'Information' tab. It features a green header with a white lowercase 'i' icon and the word 'Information' below it. Below the header is the Centigon Solutions logo, which consists of a green gear-like icon and the text 'Centigon solutions'. Underneath the logo is a section titled 'Links' with a list of links: 'Jumpstart Video', 'Documentation', 'Technical Support', 'Tutorials', 'Templates', and 'Purchase'. Below the links is a section titled 'Available Components' which contains a large, empty rectangular box. At the bottom of the mockup, there is a copyright notice: 'Copyright 2010 Centigon Solutions Inc. All rights reserved'.

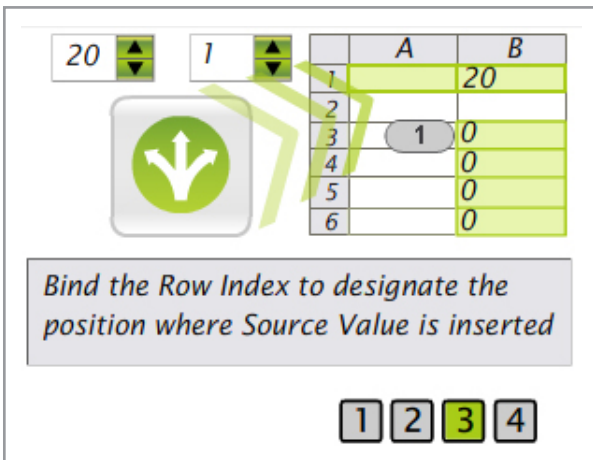
Using Input Manager



01. Bind the Source Value property to a single cell. This cell can be controlled by a single value component, input text, or formula.



02. Bind the Destination Range to a single column. The Source Value will be distributed into the Destination Range based on the Row Index value.



03. Bind the Row Index to a single cell to control the position within the Destination Range, where the Source Data is inserted.

04. In the Behavior tab, select the Update Destination Range property based on the dashboard design requirements. This property dictates when a Source Value will be inserted into the Destination Range:

1. Trigger when the Source Value changes (Figure 1)
2. Trigger when the Row Index changes (Figure 2).

An additional Source Value Lookup property, will lookup the current Destination Range value as the Row Index changes (Figure 3). This option is powerful for calculators where the Source Value needs to be modified multiple times, or when the default Destination Range values are different from the Source Value.

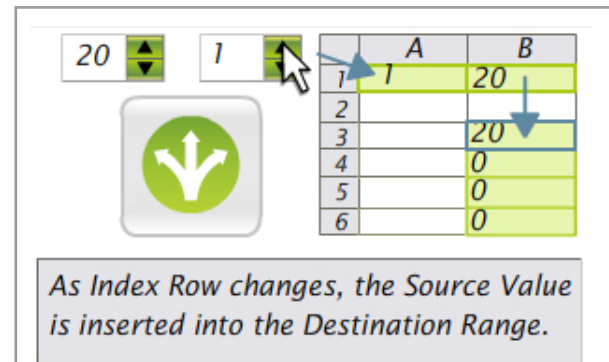


Figure 1

1 2 3 4

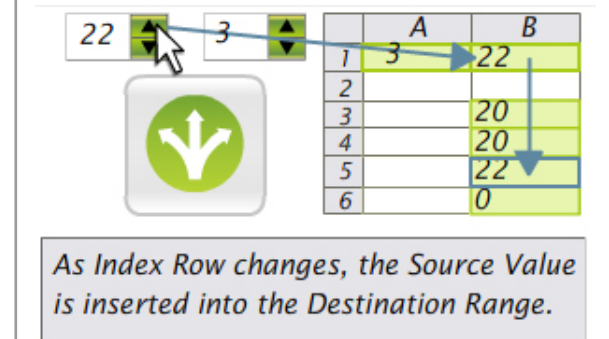


Figure 2

1 2 3 4

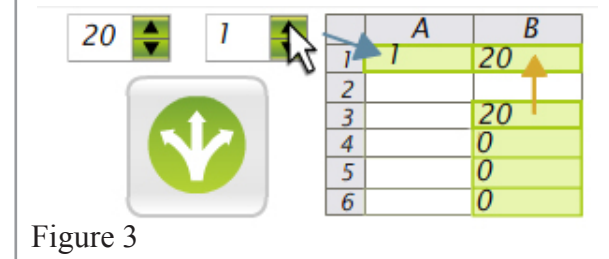


Figure 3