

## Zerofractal Spotlight (Data provider edition) User Guide

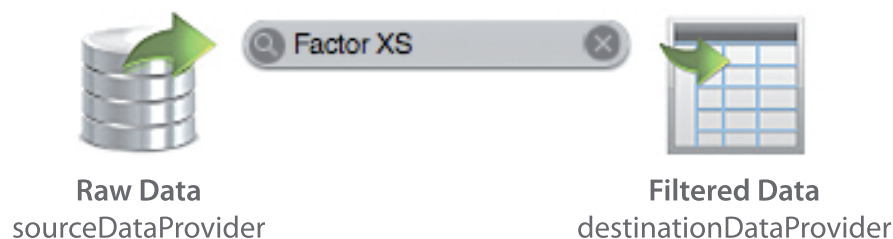
Thank you for choosing the **Zerofractal spotlightDataProvider**. **spotlightDataProvider** is a Flash component for ActionScript 3 that allows you to easily filter any data component based on the *DataProvider* data interface, for example *Grid*, *List*, *tileList* or *ComboBox*.

Our component acts as a Middleware between your data and the component you intend to bind it to:

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This is done by simply adding a couple of lines into your code:

```
spotlight.sourceDataProvider = myDataProvider;  
myGrid.dataProvider = spotlight.destinationDataProvider;
```

## Features

- Can be set up with only two lines of code
- Dynamically searches and filters data
- searches can be refined by typing more than one word
- Can search every field in the source data or only specific fields
- Appearance can be fully skinned (background, close button and text format)
- Works on datasets with thousands of records
- Detects multiple keystrokes so that only one search is performed

## Included in the Product

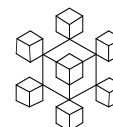
- the spotlightDataProvider.swc Component in a MXP installer
- Example FLA files walking through every mayor feature
- Real world application example FLA files
- user guide in PDF
- class library in PDF

## Updates

The product includes free v1.x updates

## Support

For updates and support, please visit write to [support@zerofractal.com](mailto:support@zerofractal.com)



## The Basics

### Installation

1. Unpack the distribution zip file.
2. Double click on the spotlightDataProvider.mxp file
3. read and accept the license agreement (EULA)

Once this steps are completed, the component will be successfully installed

### Step By Step Examples

In the examples folder you will find a set of step by step examples that will show you how to bind the *spotlightDataProvider* component to any AS3 data UI component including:

1. Grid
2. ComboBox
3. List
4. Tile List

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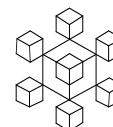
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## Usage - Data Binding

To use the *spotlightDataProvider*, simply drag it onto the stage, next to the component you wish to filter.

Usually you attach a *DataProvider* to the ui component like this:

```
myGrid.dataProvider = myDataProvider;
```

To implement *spotlightDataProvider*, simply replace that line for the following two lines:

```
spotlight.sourceDataProvider = myDataProvider;  
myGrid.dataProvider = spotlight.destinationDataProvider;
```

That's it! When you compile your movie, and enter text into the spotlight field, it will automatically begin filtering and refreshing your UI component.

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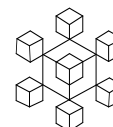
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## Usage - Customizing

### Customizing Background

To customize the appearance of the component, you must create the left, middle and right *MovieClip* symbols in the library. Make sure that the symbols are available to Actionscript by clicking on the “Export for ActionScript” checkbox in the linkage options of the symbol.

After this you must assign their linkage names to the *skinLeft*, *skinMiddle* and *skinRight* properties. The left and right symbols are added on the edges of the component. The middle symbol is scaled horizontally so that creates a seamless input box.

Additionally there is a *closeButton SimpleButton* symbol. You may create your own *SimpleButton* and replace the original one. *spotlightDataProvider* will instance it at the right edge of the component vertically centered. You may offset horizontally or vertically by using the *closeButtonOffsetX* and *closeButtonOffsetY* properties.

#### Example

```
spotlight.skinLeft = "myLeftSkin_mc";  
spotlight.skinMiddle = "myMiddleSkin_mc";  
spotlight.skinRight = "myRightSkin_mc";  
spotlight.skinCloseButton = "myClose_btn";
```

### Customizing the TextField

The spotlight component consists of the following items:

To customize the search text field, you have to interface its *textFormat* property. There you may define fonts, sizes, colors etc.

If you use custom fonts we encourage you to set the *embedFonts* property to true.

#### Example

```
spotlight.embedFonts = true;  
var myFont:Font = new Myriad();  
spotlight.textFormat = new TextFormat(myFont.fontName, 15, 0xFFFFFF);
```

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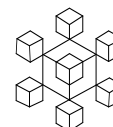
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## Usage - Events

### Detecting spotlight changes

You can easily detect spotlight changes by listening to the *spotlightChange* event.

Example:

This code adds a summary for the current search

```
import com.zerofractal.spotlight.spotlightEvent;

function onChange(e:Event){
    if (spotlight.text != ""){
        resultsTextField.text = spotlight.destinationDataProvider.length +
            " item(s) containing \"" +
            spotlight.text +
            "\" found";
    } else {
        resultsTextField.text = "";
    }
}
spotlight.addEventListener(spotlightEvent.SPOTLIGHT_CHANGE, onChange);
```

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