

Sparqube Status Indicator

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Overview

Sparqube Status Indicator is a unique tool that can display various visual cues depending on SharePoint list item status. Using progress bar, graphics icons and color effects can help you keeping track of any item types, such as tasks, projects and others types of SharePoint lists. After assigning icons or color category to different yet related items, the items are easier to identify and organize.

Title	Assigned To	Status	Priority	Follow-Up	Due Date	% Completed
Prepare Technical Details	TSV1\spuser3	Not Started	(1) High		4/27/2012	10%
Project Planning Meeting	TSV1\spuser1	In Progress	(1) High		5/1/2012	35%
Site Design		Not Started	(3) Low			10%
Add new company logo	TSV1\spuser1	Deferred	(2) Normal		4/26/2012	50%
Prepare Testing Environment	TSV1\spuser3	Completed	(2) Normal		5/4/2012	100%
Build Phase 1	TSV1\spuser2	In Progress	(2) Normal		4/26/2012	60%
Testing Project		Not Started	(2) Normal		5/1/2012	0%
Project Deployment	TSV1\spuser1	In Progress	(1) High		5/2/2012	90%
Prepare Documentation	TSV1\spuser2	Not Started	(3) Low			15%

Sparqube Status Indicator supports the following modes:

- Progress Bar
- Icons
- Color Category
- Cell/Row Coloring
- Countdown

Component is easy to setup – simply add it to SharePoint list, choose indicator mode and define display rules.

<p>Indicator Value Specify indicator data source. It can be value of existing column or calculated using sharePoint formula.</p>	<p>Get indicator value from</p> <p><input checked="" type="radio"/> Column <input type="radio"/> SharePoint Formula</p> <p>Status</p>
<p>Indicator View Specify indicator default display settings.</p>	<p>Category preview:</p> <p></p> <p>Category settings:</p> <p>Width (pixels) 15</p> <p>Height (pixels) 15</p> <p>Category Look Gradient Color</p>
<p>Indicator Rules Use indicator rules to change indicator look based on display condition.</p>	<p> when value is equal to fixed value Not Started</p> <p> when value is equal to fixed value In Progress</p> <p> when value is equal to fixed value Completed</p> <p> when value is equal to fixed value Waiting on som</p> <p> when value is equal to fixed value Deferred</p> <p>+ add new rule</p>

Features

- Percentage-based progress bar, included bar chart mode
- Graphic indicator with various icon sets
- Supports custom icons
- Cell and row color highlighting
- Color category similar to MS Outlook Categories feature
- Countdown for date fields
- Ability to define rules for dynamic indicator display
- [Today], [Now] and [Me] keys support in rule conditions
- SharePoint formula support to calculate indicator values
- Customizable indicator tooltip
- All SharePoint list and library types supported

Setup

Requirements

Server:

- SharePoint Foundation 2010/2013 or SharePoint Server 2010/2013/2016
- Windows Server 2008/Windows Server 2008 R2/Windows Server 2012/Windows 7
- .NET Framework 3.5/4.5

Installation

Sparqube Status Indicator requires the following permissions for an account running installation:

- Must be a member of the local server **Administrators** group to install application files.
- Must be a member of the SharePoint **Farm Administrators** group to deploy solutions to the farm.

To install Sparqube Status Indicator:

1. Run as Administrator self-extracting package **Sparqube.StatusIndicator.exe**
2. In confirmation dialog, click **Yes** to proceed with files unpacking
3. In Welcome screen, click **Next** to begin the installation
4. Verify that the system checks pass successfully. If all requirements are met, click **Next** to proceed.
5. Read and accept the End-User License Agreement
6. Select one or more web applications to which you want to deploy Sparqube Status Indicator
7. Please wait for the setup to deploy the solution. Depending on your farm configuration it can take from 30 seconds up to 15 minutes. Click **Next** to continue
8. Please check the details to see if solution was properly installed. Click **Close** to finish setup

Licensing

You can use Sparqube Status Indicator for 3 days after installation without license. After that if you want to continue using it, you should request free 30-days trial or buy a license.

Note: After evaluation period is expired, you cannot use the product. This will be indicated by the following warning message: "Evaluation period has expired. Please activate the product". You can purchase Sparqube Status Indicator license at any time or you can request extended trial license by contacting sales@sparqube.com.

To activate Sparqube Status Indicator on your SharePoint farm you need to:

- 1) Install Sparqube License Manager
- 2) Activate the license

Installing Sparqube License Manager

Download Sparqube License Manager from Web site: <http://www.sparqube.com/SharePoint-Status-Indicator/Download.aspx> and install it to Central Administration Web application.

Licensing and Activation

You can get Full or Development license key via purchase or request Trial license key via product download web page. License key is sent via e-mail and looks the following way A1B2C3D-E4F5G6H-I7J8K9L-M1N2O3P.

License is activated using License Manager:

- 1) Open SharePoint Central Administration

2) Under **Sparqube Configuration** section, click **Sparqube License Manager**:

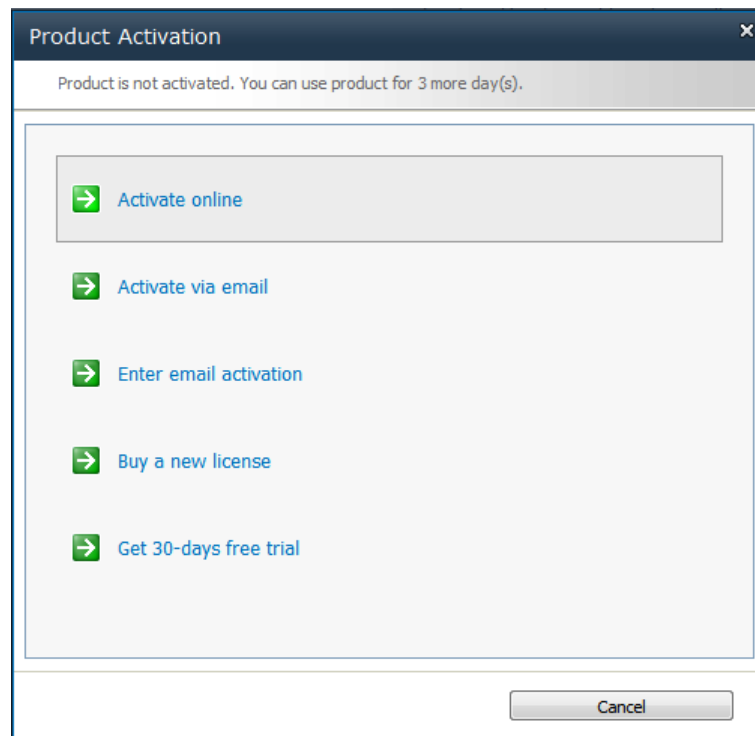
The screenshot shows a navigation menu on the left with 'Central Administration' selected. The main content area lists several management categories: Application Management, Monitoring, Security, and General Application Settings. At the bottom, 'Sparqube Settings' is highlighted with a red box, and 'Sparqube License Manager' is listed as a sub-option under it.

3) In this page, you can see all installed Sparqube components and its license type and status. Find **Sparqube Status Indicator** and click it

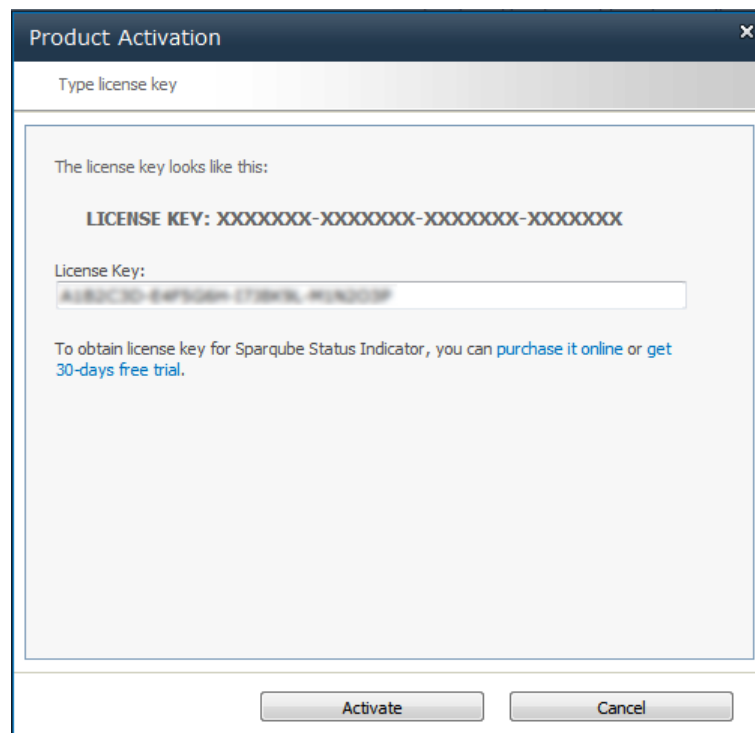
Installed Products					
Product	Version	Edition	License Type	License Status	
Sparqube Lookup Column	1.0.1202.2601	Standard	No license	Not activated	
Sparqube Picture Column	1.0.1202.2601	Standard	No license	Not activated	
Sparqube Status Indicator	1.0.1203.2601	Standard	No license	Not activated	

4) In product detail page, you can see product information and licenses details. To activate license click **Enter new license**

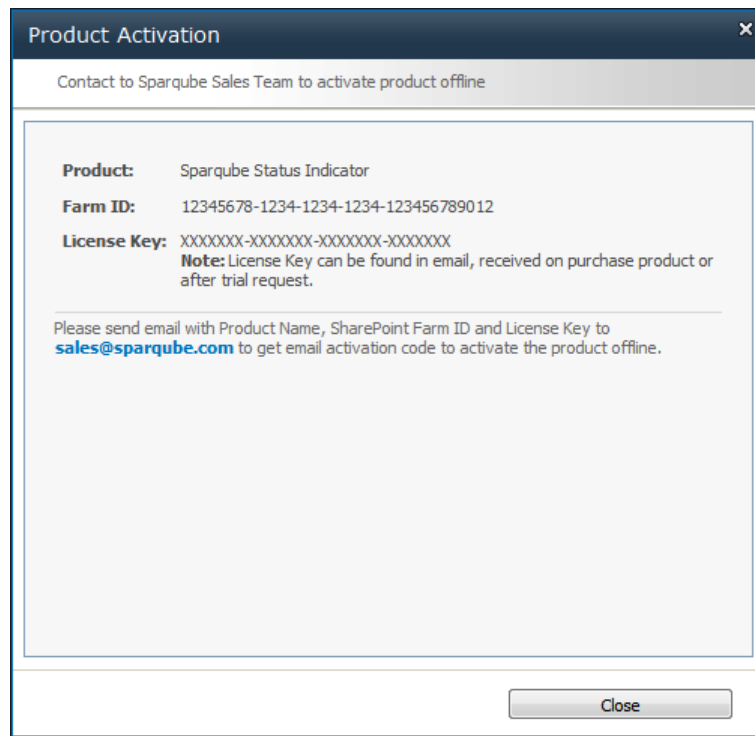
Product	<p>Sparqube Status Indicator version 1.0.1203.2601 Allows adding different types of indicators to SharePoint lists.</p>
Product Activation	<p>Product is not activated. You can use product for 3 more day(s). Edition: Standard Current number of WFE servers: 1</p> <hr/> <p> Enter new license</p>



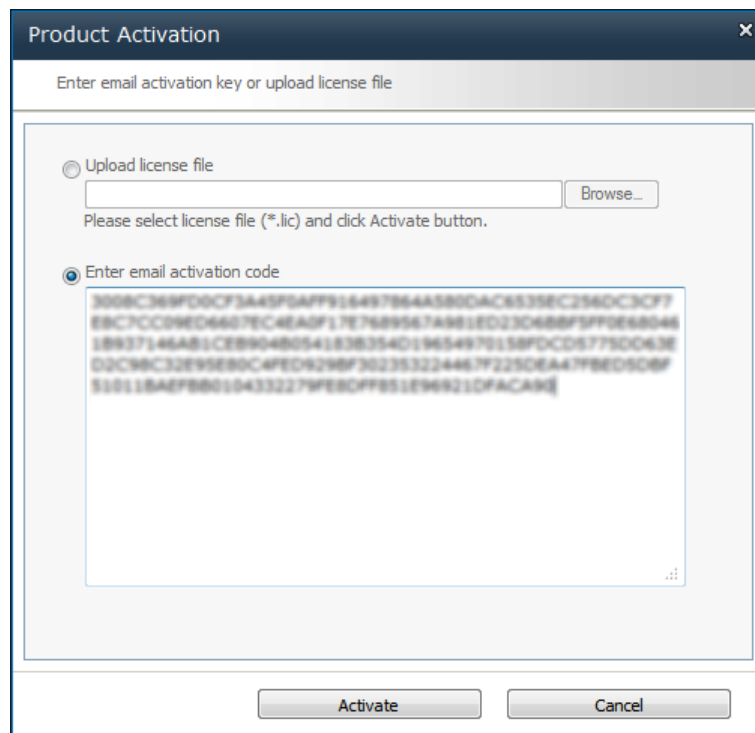
- 5) If SharePoint server has internet connectivity you can activate online:
 - a. In Product Activation dialog, click **Activate online**
 - b. Enter license key and click **Activate** button




- 6) You can also activate license via email.
 - a. Click **Activate via email**.
 - b. In Product Activation dialog, you can see SharePoint Farm ID. Clicking on email address link in this dialog box will open new message window of your installed email client in which you should enter your license key which you'd like to activate. In case you do not have email client installed on your box you can simply copy Farm ID and License Key and send an email from any other suitable machine to this address sales@sparqube.com.



- c. After that, you will receive an email with activation code within 48 hours.
- d. To enter received activation code please repeat steps 1-4 and click **Enter email activation**.
- e. Enter email activation



7) After successful activation, you can refer to License Manager page and check license details.

Product	Sparqube Status Indicator version 1.0.1203.2601 Allows adding different types of indicators to SharePoint lists.										
Product Activation	<p>Product is activated.</p> <p>Serial number: ABCZ1201-0001-0000000001 License type: Full license Edition: Standard Max. number of WFE servers: 1 Current number of WFE servers: 1</p> <table border="1"><thead><tr><th>License Type</th><th>Edition</th><th>Max. number of WFE servers</th><th>Expiration Date</th><th>State</th></tr></thead><tbody><tr><td>Full license</td><td>Standard</td><td>1</td><td>-</td><td>Active Turn Off</td></tr></tbody></table> <p> Enter new license</p>	License Type	Edition	Max. number of WFE servers	Expiration Date	State	Full license	Standard	1	-	Active Turn Off
License Type	Edition	Max. number of WFE servers	Expiration Date	State							
Full license	Standard	1	-	Active Turn Off							

Configuration

Adding Sparqube Status Indicator to SharePoint list

Any number of Sparqube Status Indicator instances can be added to lists and content types same way as any other standard SharePoint column.

To add Sparqube Status Indicator to SharePoint list:

- 1) Open existing list and add new column (In the ribbon, select **List Tools** tab → **List** → **Create Column** in Manage Views section)
- 2) In the **Column name** box, type a name for the column
- 3) Under **The type of information in this column is**, click **Sparqube Status Indicator**:

Name and Type
Type a name for this column, and select the type of information you want to store in the column.

Column name:

The type of information in this column is:

- Single line of text
- Multiple lines of text
- Choice (menu to choose from)
- Number (1, 1.0, 100)
- Currency (\$, ¥, €)
- Date and Time
- Lookup (information already on this site)
- Yes/No (check box)
- Person or Group
- Hyperlink or Picture
- Calculated (calculation based on other columns)
- External Data
- Sparqube Lookup
- Sparqube Picture
- Sparqube Status Indicator
- Managed Metadata

- 4) In **Indicator Type** section, specify type of indicator

Indicator Type
Specify type of indicator.

Indicator Type:

- Progress Bar
- Icons
- Color Category
- Cell Color
- Row Highlighting
- Countdown

Possible options:

- **Progress Bar**
- **Icons**
- **Color Category**
- **Cell Color**
- **Row Highlighting**
- **Countdown**

Icons				Cell Color		
Title	Assigned To	Status	Priority	Follow-Up	Due Date	% Completed
Prepare Technical Details	TSV1\spuser3	Not Started	(1) High	🚩	4/27/2012	10%
Project Planning Meeting	TSV1\spuser1	In Progress	(1) High	🚩	5/1/2012	35%
Site Design		Not Started	(3) Low	🚩		10%
Add new company logo	TSV1\spuser1	Deferred	(2) Normal	🚩	4/26/2012	50%
Preparc Testing Environment	TSV1\spuser3	Completed	(2) Normal	✅	5/4/2012	100%
Build Phase 1	TSV1\spuser2	In Progress	(2) Normal	🚩	4/26/2012	60%
Testing Project		Not Started	(2) Normal	🚩	5/1/2012	0%
Project Deployment	TSV1\spuser1	In Progress	(1) High	🚩	5/2/2012	90%
Prepare Documentation	TSV1\spuser2	Not Started	(3) Low	🚩		15%

➕ Add new item
Row Highlighting
Color Category
Progress Bar

- 5) In **Indicator Value** section, specify indicator data source. It can be existing list column value or SharePoint formula calculated value:

Indicator Value
Specify indicator data source. It can be value of existing column or calculated using sharePoint formula.

Get indicator value from

Column
 SharePoint Formula

Status

- 6) **Indicator View** section allows specifying default display settings for indicator:

Indicator View
Specify indicator default display settings.

Category preview:

Category settings:

Width (pixels) 15

Height (pixels) 15

Category Look Default

- 7) **Indicator Rules** will help you change indicator look based on certain condition. Each rule consists of two parts: display formatting and condition. Rules are processed from top to bottom to the first rule for which its condition is true. Use up and down arrows to change the order in which the rules are processed. In display condition, indicator value can be compared to fixed value or to the value of other column. Following sample shows how to display different indicators based on choice columns:

Indicator Rules
Use indicator rules to change indicator look based on display condition.

Display	Condition
Category color: Border color: Add style	When [Indicator Value] is equal to fixed value Completed Or % Complete is equal to fixed value 100% Add condition
Category color: Border color: Add style	When [Indicator Value] is equal to fixed value Not Started Add condition
Category color: Border color: Add style	When [Indicator Value] is equal to fixed value In Progress Add condition
Category color: Border color: Add style	When [Indicator Value] is equal to fixed value Waiting on som Or [Indicator Value] is equal to fixed value Deferred Or [Indicator Value] is equal to fixed value Add condition

➕ Add new rule

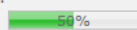
- 8) In **Indicator Tooltip** section, you can specify which value should be displayed in indicator tooltip. Possible values: none, current indicator value or value from any other column.
- 9) In **Indicator Advanced Options** section, specify how to show indicator in Display item form, and whether to show indicator column name header in list view:

Indicator Tooltip	<p>Indicator Tooltip:</p> <p><input type="radio"/> None</p> <p><input checked="" type="radio"/> Indicator value</p> <p><input type="radio"/> Value of the following column:</p> <p><input type="text" value="% Complete"/></p>
Indicator Advanced Options	<p><input checked="" type="checkbox"/> Show indicator in Display item form</p> <p><input checked="" type="checkbox"/> Show indicator column name in list view</p>

Important! To display indicator in list view, it is required to add this column to the list view.

Progress Bars

Progress Bar indicator allows displaying percentage column data of your SharePoint list.

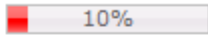
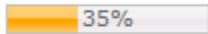
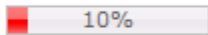
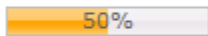

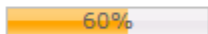
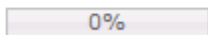
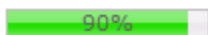
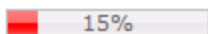
Indicator Type Specify type of indicator.	<p>Indicator Type:</p> <p><input checked="" type="radio"/> Progress Bar</p> <p><input type="radio"/> Icons</p> <p><input type="radio"/> Color Category</p> <p><input type="radio"/> Cell Color</p> <p><input type="radio"/> Row Highlighting</p> <p><input type="radio"/> Countdown</p>								
Indicator Value Specify indicator data source. It can be existing list column value or SharePoint formula calculated value.	<p>Get indicator value from</p> <p><input checked="" type="radio"/> Column <input type="radio"/> SharePoint Formula</p> <p><input type="text" value="% Complete"/></p>								
Indicator View Specify indicator default display settings.	<p>Progress preview: </p> <p>Progress settings:</p> <p>Progress color <input type="color" value="#008000"/></p> <p>Background color <input type="color" value="#cccccc"/></p> <p>Border color <input type="color" value="#cccccc"/></p> <p>Text color <input type="color" value="#333333"/></p> <p>Text align <input type="text" value="Center"/></p> <p>Width (pixels) <input type="text" value="100"/></p> <p>Progress Look <input type="text" value="Gradient"/></p>								
Indicator Rules Use indicator rules to change indicator look based on display condition.	<table border="1"> <thead> <tr> <th>Display</th> <th>Condition</th> </tr> </thead> <tbody> <tr> <td> <input type="button" value="X"/> <input type="button" value="Up"/> <input type="button" value="Down"/> Progress color <input type="color" value="#ff0000"/> <input type="button" value="+"/> Add style </td> <td> When [Indicator Value] is less than <input type="text" value="fixed value"/> 25% <input type="button" value="+"/> Add condition </td> </tr> <tr> <td> <input type="button" value="X"/> <input type="button" value="Up"/> <input type="button" value="Down"/> Progress color <input type="color" value="#ffa500"/> <input type="button" value="+"/> Add style </td> <td> When [Indicator Value] is less than <input type="text" value="fixed value"/> 75% <input type="button" value="+"/> Add condition </td> </tr> <tr> <td> <input type="button" value="X"/> <input type="button" value="Up"/> <input type="button" value="Down"/> Progress color <input type="color" value="#008000"/> <input type="button" value="+"/> Add style </td> <td> When [Indicator Value] is greater than or equal to <input type="text" value="fixed value"/> 75% <input type="button" value="+"/> Add condition </td> </tr> </tbody> </table> <p><input type="button" value="+"/> Add new rule</p>	Display	Condition	<input type="button" value="X"/> <input type="button" value="Up"/> <input type="button" value="Down"/> Progress color <input type="color" value="#ff0000"/> <input type="button" value="+"/> Add style	When [Indicator Value] is less than <input type="text" value="fixed value"/> 25% <input type="button" value="+"/> Add condition	<input type="button" value="X"/> <input type="button" value="Up"/> <input type="button" value="Down"/> Progress color <input type="color" value="#ffa500"/> <input type="button" value="+"/> Add style	When [Indicator Value] is less than <input type="text" value="fixed value"/> 75% <input type="button" value="+"/> Add condition	<input type="button" value="X"/> <input type="button" value="Up"/> <input type="button" value="Down"/> Progress color <input type="color" value="#008000"/> <input type="button" value="+"/> Add style	When [Indicator Value] is greater than or equal to <input type="text" value="fixed value"/> 75% <input type="button" value="+"/> Add condition
Display	Condition								
<input type="button" value="X"/> <input type="button" value="Up"/> <input type="button" value="Down"/> Progress color <input type="color" value="#ff0000"/> <input type="button" value="+"/> Add style	When [Indicator Value] is less than <input type="text" value="fixed value"/> 25% <input type="button" value="+"/> Add condition								
<input type="button" value="X"/> <input type="button" value="Up"/> <input type="button" value="Down"/> Progress color <input type="color" value="#ffa500"/> <input type="button" value="+"/> Add style	When [Indicator Value] is less than <input type="text" value="fixed value"/> 75% <input type="button" value="+"/> Add condition								
<input type="button" value="X"/> <input type="button" value="Up"/> <input type="button" value="Down"/> Progress color <input type="color" value="#008000"/> <input type="button" value="+"/> Add style	When [Indicator Value] is greater than or equal to <input type="text" value="fixed value"/> 75% <input type="button" value="+"/> Add condition								

In **Indicator Value** section, specify column with numerical source data or use SharePoint formula to return numeric value.

Use **Indicator View** section to specify progress bar default display settings, including:

- **Progress color** – color of the bar visually representing percentage
- **Background color** – background color of the progress bar
- **Border color** – color of the border
- **Text color** – color of the percentage text
- **Text align** – position inside progress bar where percentage value should be displayed. Possible positions: left outer, left inner, center, right inner or right outer
- **Width** – progress bar width in pixels
- **Progress Look** – progress bar look. It can be simple, with color gradient, or displayed as bar chart

In **Rules** section, you can change colors of progress bar, based on indicator value.

Title	Assigned To	Status	Priority	% Complete
Prepare Technical Details	TSV1\spuser3	Not Started	(1) High	 10%
Project Planning Meeting	TSV1\spuser1	In Progress	(1) High	 35%
Site Design		Not Started	(3) Low	 10%
Add new company logo	TSV1\spuser1	Deferred	(2) Normal	 50%
Prepare Testing Environment	TSV1\spuser3	Completed	(2) Normal	 100%
Build Phase 1	TSV1\spuser2	In Progress	(2) Normal	 60%
Testing Project		Not Started	(2) Normal	 0%
Project Deployment	TSV1\spuser1	In Progress	(1) High	 90%
Prepare Documentation	TSV1\spuser2	Not Started	(3) Low	 15%

Icons

Icons indicator type can be used to display flags, status, stars and other icons in SharePoint list.

Indicator Type
Specify type of indicator.

Indicator Type:

- Progress Bar
- Icons
- Color Category
- Cell Color
- Row Highlighting
- Countdown

Indicator Value
Specify indicator data source. It can be existing list column value or SharePoint formula calculated value.

Get indicator value from

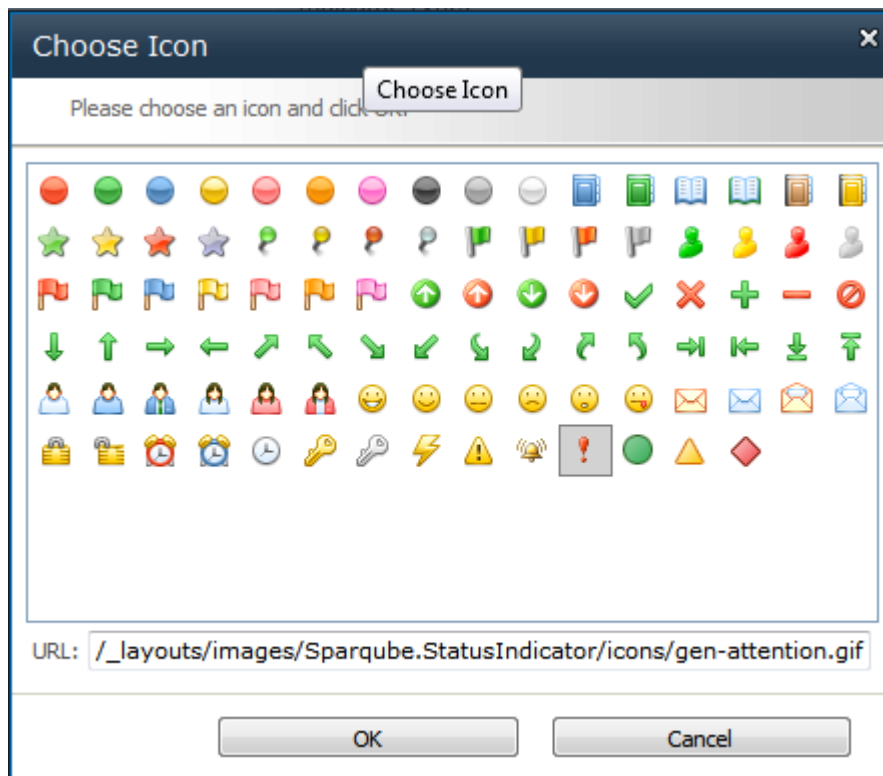
Column SharePoint Formula

Priority

Indicator Rules
Use indicator rules to change indicator look based on display condition.


Display	Condition
<div style="display: flex; align-items: center;"> <div style="border: 1px solid #ccc; padding: 2px; margin-right: 5px;">Icon</div> <div style="margin-left: 10px;">!</div> </div> <p style="font-size: 0.8em; margin-top: 5px;">+ Add style</p>	<p>When [Indicator Value] is equal to fixed value (1) High</p> <p style="font-size: 0.8em; margin-top: 5px;">+ Add condition</p>
<p>+ Add new rule</p>	

Indicator Rules section allows specifying icon displayed when certain condition is met. To add new rule, click “add new rule” link. In order to change existing rule icon, just click on it and select any other icon in Icon Picker dialog or type URL address of any other icon in URL box.



Color Category

Choose **Color Category** to display indicator value as color-coded bar similar to Microsoft Outlook color category.

<p>Indicator Value</p> <p>Specify indicator data source. It can be existing list column value or SharePoint formula calculated value.</p>	<p>Get indicator value from</p> <p><input checked="" type="radio"/> Column <input type="radio"/> SharePoint Formula</p> <p>Status</p>												
<p>Indicator View</p> <p>Specify indicator default display settings.</p>	<p>Category preview:</p>  <p>Category settings:</p> <p>Width (pixels) 15</p> <p>Height (pixels) 15</p> <p>Category Look Gradient</p>												
<p>Indicator Rules</p> <p>Use indicator rules to change indicator look based on display condition.</p>	<table border="1"> <thead> <tr> <th>Display</th> <th>Condition</th> </tr> </thead> <tbody> <tr> <td> <p>Category color [Red]</p> <p>Border color [Dark Red]</p> <p>+ Add style</p> </td> <td> <p>When [Indicator Value] is equal to fixed value Not Started</p> <p>+ Add condition</p> </td> </tr> <tr> <td> <p>Category color [Orange]</p> <p>Border color [Dark Orange]</p> <p>+ Add style</p> </td> <td> <p>When [Indicator Value] is equal to fixed value In Progress</p> <p>+ Add condition</p> </td> </tr> <tr> <td> <p>Category color [Green]</p> <p>Border color [Dark Green]</p> <p>+ Add style</p> </td> <td> <p>When [Indicator Value] is equal to fixed value Completed</p> <p>+ Add condition</p> </td> </tr> <tr> <td> <p>Category color [Pink]</p> <p>Border color [Purple]</p> <p>+ Add style</p> </td> <td> <p>When [Indicator Value] is equal to fixed value Deferred</p> <p>+ Add condition</p> </td> </tr> <tr> <td> <p>Category color [White]</p> <p>Border color [Grey]</p> <p>+ Add style</p> </td> <td> <p>When [Indicator Value] is equal to fixed value Waiting on som</p> <p>Or [Indicator Value] is equal to fixed value</p> <p>+ Add condition</p> </td> </tr> </tbody> </table> <p>+ Add new rule</p>	Display	Condition	<p>Category color [Red]</p> <p>Border color [Dark Red]</p> <p>+ Add style</p>	<p>When [Indicator Value] is equal to fixed value Not Started</p> <p>+ Add condition</p>	<p>Category color [Orange]</p> <p>Border color [Dark Orange]</p> <p>+ Add style</p>	<p>When [Indicator Value] is equal to fixed value In Progress</p> <p>+ Add condition</p>	<p>Category color [Green]</p> <p>Border color [Dark Green]</p> <p>+ Add style</p>	<p>When [Indicator Value] is equal to fixed value Completed</p> <p>+ Add condition</p>	<p>Category color [Pink]</p> <p>Border color [Purple]</p> <p>+ Add style</p>	<p>When [Indicator Value] is equal to fixed value Deferred</p> <p>+ Add condition</p>	<p>Category color [White]</p> <p>Border color [Grey]</p> <p>+ Add style</p>	<p>When [Indicator Value] is equal to fixed value Waiting on som</p> <p>Or [Indicator Value] is equal to fixed value</p> <p>+ Add condition</p>
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<p>Category color [Orange]</p> <p>Border color [Dark Orange]</p> <p>+ Add style</p>	<p>When [Indicator Value] is equal to fixed value In Progress</p> <p>+ Add condition</p>												
<p>Category color [Green]</p> <p>Border color [Dark Green]</p> <p>+ Add style</p>	<p>When [Indicator Value] is equal to fixed value Completed</p> <p>+ Add condition</p>												
<p>Category color [Pink]</p> <p>Border color [Purple]</p> <p>+ Add style</p>	<p>When [Indicator Value] is equal to fixed value Deferred</p> <p>+ Add condition</p>												
<p>Category color [White]</p> <p>Border color [Grey]</p> <p>+ Add style</p>	<p>When [Indicator Value] is equal to fixed value Waiting on som</p> <p>Or [Indicator Value] is equal to fixed value</p> <p>+ Add condition</p>												

In **Indicator View**, you can specify the following default settings of Color Category:

- **Width** – bar width in pixels
- **Height** – bar height in pixels
- **Category Look** – look of color bar. It can be solid background color or gradient color

Indicator Rules section allows changing bar background color based on certain indicator value.

Cell Color

Cell Color allows setting cell background or text color based on indicator value using corresponding **Indicator Rules** section. For example settings on the image below could be applied to Due Date of overdue tasks, which will have text color set to red.

<p>Indicator Type Specify type of indicator.</p>	<p>Indicator Type:</p> <p><input type="radio"/> Progress Bar</p> <p><input type="radio"/> Icons</p> <p><input type="radio"/> Color Category</p> <p><input checked="" type="radio"/> Cell Color</p> <p><input type="radio"/> Row Highlighting</p> <p><input type="radio"/> Countdown</p>
<p>Indicator Value Specify indicator data source. It can be existing list column value or SharePoint formula calculated value.</p>	<p>Get indicator value from</p> <p><input checked="" type="radio"/> Column <input type="radio"/> SharePoint Formula</p> <p>Due Date</p>
<p>Indicator Rules Use indicator rules to change indicator look based on display condition.</p>	<p>Display</p> <p>Cell color <input type="color" value="#ff0000"/></p> <p>Text color <input type="color" value="#ff0000"/></p> <p>Condition</p> <p>When [Indicator Value] is less than [Today] +0 days</p> <p>Add condition</p> <p>Add style</p> <p>Add new rule</p>

Row Highlighting

Choose **Row Highlighting** to highlight whole item rows in list view. The following sample demonstrates how to highlight tasks that are not assigned to any specific person.

<p>Indicator Type Specify type of indicator.</p>	<p>Indicator Type:</p> <p><input type="radio"/> Progress Bar</p> <p><input type="radio"/> Icons</p> <p><input type="radio"/> Color Category</p> <p><input type="radio"/> Cell Color</p> <p><input checked="" type="radio"/> Row Highlighting</p> <p><input type="radio"/> Countdown</p>
<p>Indicator Value Specify indicator data source. It can be existing list column value or SharePoint formula calculated value.</p>	<p>Get indicator value from</p> <p><input checked="" type="radio"/> Column <input type="radio"/> SharePoint Formula</p> <p>Assigned To</p>
<p>Indicator Rules Use indicator rules to change indicator look based on display condition.</p>	<p>Display</p> <p>Row color <input type="color" value="#ffcc99"/></p> <p>Condition</p> <p>When [Indicator Value] is equal to fixed value</p> <p>Add condition</p> <p>Add new rule</p>

Countdown

There are cases when date values should be tracked against other dates like dead-lines or due dates. Suppose the company’s product orders are tracked via SharePoint. Records of orders have “Order Due Date” field containing future dates on which orders should be placed. For such cases it is a good idea to add Countdown indicator to the list, indicating how much time left to due date and highlight data if due date is approaching via Indicator rules.

Countdown option works with date values, so only date-time columns will be shown in indicator source drop-down.

Countdown has two display modes: for past dates and for future dates, depending on what behavior you desire to achieve. Also, it is possible to adjust Format and Display in which countdown will display calculated time values.

The following screenshot demonstrates Countdown set to highlight information on approaching dates: countdown for dates closer than three days will have yellow text color and indicator for dates closer than one day will have red color.

<p>Indicator Type Specify type of indicator.</p>	<p>Indicator Type:</p> <ul style="list-style-type: none"> <input type="radio"/> Progress Bar <input type="radio"/> Icons <input type="radio"/> Color Category <input type="radio"/> Cell Color <input type="radio"/> Row Highlighting <input checked="" type="radio"/> Countdown 						
<p>Indicator Value Specify indicator data source. It can be existing list column value or SharePoint formula calculated value.</p>	<p>Get indicator value from</p> <p><input checked="" type="radio"/> Column <input type="radio"/> SharePoint Formula</p> <p>Order Due Date</p>						
<p>Indicator View Specify indicator default display settings.</p>	<p>Countdown settings:</p> <p>Mode: <input type="text" value="Count down to a future date"/></p> <p>Format: <input type="text" value="7d 10h 5m"/></p> <p>Display: <input type="checkbox"/> Years <input type="checkbox"/> Months <input checked="" type="checkbox"/> Days <input checked="" type="checkbox"/> Hours <input type="checkbox"/> Minutes</p> <p><input checked="" type="checkbox"/> Bar Chart</p> <p>Bar chart settings:</p> <p>Position: <input type="text" value="Left"/></p> <p>Color: <input type="color" value="#0000FF"/></p> <p>Size: Time interval in 1 pixel: <input type="text" value="1"/> day(s)</p>						
<p>Indicator Rules Use indicator rules to change indicator look based on display condition.</p>	<table border="1"> <thead> <tr> <th>Display</th> <th>Condition</th> </tr> </thead> <tbody> <tr> <td> <input type="text" value="Text color"/> <input type="color" value="#FF0000"/> Add style </td> <td> When [Indicator Value] is less than or eq [Today] +1 days Add condition </td> </tr> <tr> <td> <input type="text" value="Text color"/> <input type="color" value="#FFA500"/> Add style </td> <td> When [Indicator Value] is less than or eq [Today] +3 days Add condition </td> </tr> </tbody> </table> <p>Add new rule</p>	Display	Condition	<input type="text" value="Text color"/> <input type="color" value="#FF0000"/> Add style	When [Indicator Value] is less than or eq [Today] +1 days Add condition	<input type="text" value="Text color"/> <input type="color" value="#FFA500"/> Add style	When [Indicator Value] is less than or eq [Today] +3 days Add condition
Display	Condition						
<input type="text" value="Text color"/> <input type="color" value="#FF0000"/> Add style	When [Indicator Value] is less than or eq [Today] +1 days Add condition						
<input type="text" value="Text color"/> <input type="color" value="#FFA500"/> Add style	When [Indicator Value] is less than or eq [Today] +3 days Add condition						

Resulting list will look similar to this:

<input type="checkbox"/>	<input type="text" value="Title"/>	Order Due Date	Order Deadline In...
	Order #1	1/30/2015 6:00 PM	<input type="color" value="#0000FF"/> 52d 5h
	Order #2	12/12/2014 12:00 AM	<input type="text" value="2d 11h"/>
	Order #3	12/10/2014 12:00 AM	<input type="text" value="11h"/>
	Order #4	12/31/2014 12:00 AM	<input type="color" value="#0000FF"/> 21d 11h

Use Cases

Displaying percentage columns as progress bars

The following sample displays how to configure Status Indicator to display Task's "% Complete" column as progress bar.

By default, SharePoint tasks are displayed as in the view below:

Type	Title	Assigned To	Status	Priority	Due Date	% Complete
	Prepare Technical Details	TSV1\spuser3	Not Started	(1) High	4/27/2012	10 %
	Project Planning Meeting	TSV1\spuser1	In Progress	(1) High	5/1/2012	35 %
	Site Design		Not Started	(3) Low		10 %
	Add new company logo	TSV1\spuser1	Deferred	(2) Normal	4/26/2012	50 %
	Prepare Testing Environment	TSV1\spuser3	Completed	(2) Normal	5/4/2012	100 %
	Build Phase 1	TSV1\spuser2	In Progress	(2) Normal	4/26/2012	60 %
	Testing Project		Not Started	(2) Normal	5/1/2012	
	Project Deployment	TSV1\spuser1	In Progress	(1) High	5/2/2012	90 %
	Prepare Documentation	TSV1\spuser2	Not Started	(3) Low		15 %

In order to add percentage-based progress bar instead on Number column, follow next steps:

- 1) Add new column to Tasks list and set column name to "% Task Complete" (or any other, for example "% Complete" – with 2 inner spaces to avoid naming conflict with original "% Complete" column containing source value) and set column type to Sparqube Status Indicator
- 2) Set **Indicator Type** to **Progress Bar**
- 3) In **Indicator Value** section, choose **Column** option under **Get indicator value from** box and choose "% Complete" column in drop-down list:

<p>Indicator Type Specify type of indicator.</p>	<p>Indicator Type:</p> <p><input checked="" type="radio"/> Progress Bar</p> <p><input type="radio"/> Icons</p> <p><input type="radio"/> Color Category</p> <p><input type="radio"/> Cell Color</p> <p><input type="radio"/> Row Highlighting</p>
<p>Indicator Value Specify indicator data source. It can be value of existing column or calculated using sharePoint formula.</p>	<p>Get indicator value from</p> <p><input checked="" type="radio"/> Column <input type="radio"/> SharePoint Formula</p> <p><input type="text" value="% Complete"/></p>

- 4) In **Indicator View** section, specify appearance settings like colors, text alignment, size and look
- 5) In **Indicator Rules** section, we have added some rules to change progress color based on percentage value:

Indicator View
Specify indicator default display settings.

Progress preview:

Progress settings:

- Progress color:
- Background color:
- Border color:
- Text color:
- Text align: Center
- Width (pixels): 100
- Progress Look: Gradient Colc

Indicator Rules
Use indicator rules to change indicator look based on display condition.

- Display Progress color when value is less than fixed value 25%
- Display Progress color when value is less than fixed value 75%
- Display Progress color when value is greater than or equal to fixed value 75%

[+ add new rule](#)

6) After column is created, modify Tasks view and replace "% Complete" column with "% Task Complete" newly created indicator column by hiding "% Complete" and showing "% Task Complete":

Name
Type a name for this view of the list. Make the name descriptive, such as "Sorted by Author", so that site visitors will know what to expect when they click this link.

View Name:

Web address of this view:

This view appears by default when visitors follow a link to this list. If you want to delete this view, first make another view the default.

Columns
Select or clear the check box next to each column you want to show or hide in this view of this page. To specify the order of the columns, select a number in the **Position from left** box.

Display	Column Name	Position from Left
<input checked="" type="checkbox"/>	Attachments	1
<input checked="" type="checkbox"/>	Type (icon linked to document)	2
<input checked="" type="checkbox"/>	Title (linked to item with edit menu)	3
<input checked="" type="checkbox"/>	Assigned To	4
<input checked="" type="checkbox"/>	Status	5
<input checked="" type="checkbox"/>	Priority	6
<input checked="" type="checkbox"/>	Due Date	7
<input type="checkbox"/>	% Complete	9
<input checked="" type="checkbox"/>	Predecessors	10
<input checked="" type="checkbox"/>	% Task Complete	8
<input type="checkbox"/>	Content Type	11
<input type="checkbox"/>	Created	12

Hide % Complete column →

Show % Task Complete column →

After that Task view will look the following way:

Type	Title	Assigned To	Status	Priority	Due Date	% Task Complete
	Prepare Technical Details	TSV1\spuser3	Not Started	(1) High	4/27/2012	<div style="width: 10%;"><div style="width: 10%;"></div></div> 10%
	Project Planning Meeting	TSV1\spuser1	In Progress	(1) High	5/1/2012	<div style="width: 35%;"><div style="width: 35%;"></div></div> 35%
	Site Design		Not Started	(3) Low		<div style="width: 10%;"><div style="width: 10%;"></div></div> 10%
	Add new company logo	TSV1\spuser1	Deferred	(2) Normal	4/26/2012	<div style="width: 50%;"><div style="width: 50%;"></div></div> 50%
	Prepare Testing Environment	TSV1\spuser3	Completed	(2) Normal	5/4/2012	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
	Build Phase 1	TSV1\spuser2	In Progress	(2) Normal	4/26/2012	<div style="width: 60%;"><div style="width: 60%;"></div></div> 60%
	Testing Project		Not Started	(2) Normal	5/1/2012	<div style="width: 0%;"><div style="width: 0%;"></div></div> 0%
	Project Deployment	TSV1\spuser1	In Progress	(1) High	5/2/2012	<div style="width: 90%;"><div style="width: 90%;"></div></div> 90%
	Prepare Documentation	TSV1\spuser2	Not Started	(3) Low		<div style="width: 15%;"><div style="width: 15%;"></div></div> 15%

Follow-up flags for Task

Sparqube Status Indicator can be used to display Follow-up flags similar to flags used in Microsoft Outlook.

What we want to:

- 1) *Display completed flag when task is completed*
- 2) *Display red flag, when task is overdue (Due Date < Today)*
- 3) *Display light red flag for tasks with short 3-day time period to due date (Due Date < Today-3)*
- 4) *Display orange flag for tasks with longer 7-day time period to due date (Due Date < Today-7)*
- 5) *Display blue flag when due date is not specified (Due Date is empty)*
- 6) *Display yellow flag in other cases*

For this we will add new Sparqube Status Indicator column to Task list and change the following settings:

- 1) Select **Icons** under **Indicator Type** box
- 2) In **Indicator Value** section, set "Due Date" column as data source:

<p>Indicator Type</p> <p>Specify type of indicator.</p>	<p>Indicator Type:</p> <p><input type="radio"/> Progress Bar</p> <p><input checked="" type="radio"/> Icons</p> <p><input type="radio"/> Color Category</p> <p><input type="radio"/> Cell Color</p> <p><input type="radio"/> Row Highlighting</p> <p><input type="radio"/> Countdown</p>
<p>Indicator Value</p> <p>Specify indicator data source. It can be existing list column value or SharePoint formula calculated value.</p>	<p>Get indicator value from</p> <p><input checked="" type="radio"/> Column <input type="radio"/> SharePoint Formula</p> <p>Due Date</p>

- 3) Add indicator rules as shown on screenshot below:

Indicator Rules
Use indicator rules to change indicator look based on display condition.

Display	Condition
 Icon <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> + Add style	When Status is equal to fixed value Completed + Add condition
 Icon <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> + Add style	When [Indicator Value] is less than or eq [Today] +0 days + Add condition
 Icon <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> + Add style	When [Indicator Value] is less than [Today] +3 days + Add condition
 Icon <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> + Add style	When [Indicator Value] is less than [Today] +7 days + Add condition
 Icon <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> + Add style	When [Indicator Value] is equal to fixed value + Add condition
 Icon <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> + Add style	When [Indicator Value] is not equal to fixed value + Add condition

+ Add new rule

4) Add this Sparqube Indicator column to desired list view

Type	Title	Assigned To	Status	Priority	Follow-Up	Due Date	% Complete
	Prepare Technical Details	TSV1\spuser3	Not Started	(1) High		4/27/2012	10 %
	Project Planning Meeting	TSV1\spuser1	In Progress	(1) High		5/1/2012	35 %
	Site Design		Not Started	(3) Low			10 %
	Add new company logo	TSV1\spuser1	Deferred	(2) Normal		5/3/2012	50 %
	Prepare Testing Environment	TSV1\spuser3	Completed	(2) Normal		5/4/2012	100 %
	Build Phase 1	TSV1\spuser2	In Progress	(2) Normal		4/26/2012	60 %
	Testing Project		Not Started	(2) Normal		6/6/2012	
	Project Deployment	TSV1\spuser1	In Progress	(1) High		5/2/2012	90 %
	Prepare Documentation	TSV1\spuser2	Not Started	(3) Low			15 %

Highlight high priority tasks

The following example demonstrates how to add “Important” icon for high priority tasks:

Type	Title	Assigned To	Status	Priority	Due Date	% Complete
	Prepare Technical Details	TSV1\spuser3	Not Started	(1) High	4/27/2012	10 %
	Project Planning Meeting	TSV1\spuser1	In Progress	(1) High	5/1/2012	35 %
	Site Design		Not Started	(3) Low		10 %
	Add new company logo	TSV1\spuser1	Deferred	(2) Normal	4/26/2012	50 %
	Prepare Testing Environment	TSV1\spuser3	Completed	(2) Normal	5/4/2012	100 %
	Build Phase 1	TSV1\spuser2	In Progress	(2) Normal	4/26/2012	60 %
	Testing Project		Not Started	(2) Normal	5/1/2012	
	Project Deployment	TSV1\spuser1	In Progress	(1) High	5/2/2012	90 %
	Prepare Documentation	TSV1\spuser2	Not Started	(3) Low		15 %

In order to do this, you need to:

- 1) Add **Sparqube Status Indicator** column to Tasks list
- 2) Set **Indicator Type** to **Icons**

- 3) In **Indicator Value** section, set "Priority" column as data source
- 4) In **Indicator Rules** section, add one rule that will set "Important" icon for appropriate tasks. This rule should have the following condition: value is equal to "(1) High"

<p>Indicator Type</p> <p>Specify type of indicator.</p>	<p>Indicator Type:</p> <p><input type="radio"/> Progress Bar</p> <p><input checked="" type="radio"/> Icons</p> <p><input type="radio"/> Color Category</p> <p><input type="radio"/> Cell Color</p> <p><input type="radio"/> Row Highlighting</p> <p><input type="radio"/> Countdown</p>						
<p>Indicator Value</p> <p>Specify indicator data source. It can be existing list column value or SharePoint formula calculated value.</p>	<p>Get indicator value from</p> <p><input checked="" type="radio"/> Column <input type="radio"/> SharePoint Formula</p> <p>Priority</p>						
<p>Indicator Rules</p> <p>Use indicator rules to change indicator look based on display condition.</p>	<table border="0"> <tr> <td style="text-align: center;">Display</td> <td style="text-align: center;">Condition</td> </tr> <tr> <td> <input type="button" value="X"/> <input type="text" value="Icon"/> <input type="button" value="!"/> <input type="button" value="Add style"/> </td> <td> When [Indicator Value] is equal to fixed value (1) High <input type="button" value="Add condition"/> </td> </tr> <tr> <td colspan="2" style="text-align: left;"> <input type="button" value="Add new rule"/> </td> </tr> </table>	Display	Condition	<input type="button" value="X"/> <input type="text" value="Icon"/> <input type="button" value="!"/> <input type="button" value="Add style"/>	When [Indicator Value] is equal to fixed value (1) High <input type="button" value="Add condition"/>	<input type="button" value="Add new rule"/>	
Display	Condition						
<input type="button" value="X"/> <input type="text" value="Icon"/> <input type="button" value="!"/> <input type="button" value="Add style"/>	When [Indicator Value] is equal to fixed value (1) High <input type="button" value="Add condition"/>						
<input type="button" value="Add new rule"/>							
<p>Indicator Tooltip</p>	<p>Indicator Tooltip:</p> <p><input type="radio"/> None</p> <p><input checked="" type="radio"/> Indicator value</p> <p><input type="radio"/> Value of the following column:</p> <p>% Complete</p>						
<p>Indicator Advanced Options</p>	<p><input checked="" type="checkbox"/> Show indicator in Display item form</p> <p><input type="checkbox"/> Show indicator column name in list view</p> <p><input type="checkbox"/> Enable asynchronous loading for list view</p>						

- 5) Add Indicator column for desired list view

Release Notes

Version 1.8

Changes (build 1.8.1605.1701):

- Added: SharePoint 2016 support

Changes (build 1.8.1712.1901):

- Added: Support of deployment to 14 hive on SP2013

Version 1.7

Changes (build 1.7.1501.2101):

- Added: Rule editor is significantly improved
- Fixed: Controls are now MDS-compliant (Minimal Download Strategy)

Changes (build 1.7.1502.201):

- Fixed: Rule condition calculation for empty values
- Fixed: Multiple row highlighters can be used now

Changes (build 1.7.1503.201):

- Fixed: Lookup Classic can now be used as value source

Changes (build 1.7.1504.2402):

- Added: Approval Status and Workflow Status fields can be used as indicator source
- Fixed: Category height setting was disregarded

Changes (build 1.7.1508.2901):

- Fixed: Source field reference with long name

Changes (build 1.7.1602.2601):

- Fixed: Script loading in grouped view for SharePoint 2010

Version 1.6

Changes (build 1.6.1405.2201):

- Added: Asynchronous rendering

Version 1.5

Changes (build 1.5.1310.2501):

- Added: Bar chart support for Countdown mode
- Fixed: Crash when used in workflows
- Fixed: jQuery conflicts

Version 1.4

Changes (build 1.4.1301.2101):

- Added: Right-to-Left languages support (RTL)

Version 1.3

Changes (build 1.3.1301.301):

- Added: Support for SharePoint 2013

Version 1.1

Changes (build 1.1.1208.701):

- Added: Countdown indicator type

Changes (build 1.1.1209.1101):

- Fixed: Icon picker page

Version 1.0

Initial release (build 1.0.1205.2101)

Changes (build 1.0.1207.2101):

- Fixed: Lookup columns were not referenced by Indicator