

Sparqube Status Indicator App

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Overview

Sparqube Status Indicator App allows applying conditional formatting, highlighting list item rows or single columns based on defined criteria to any type of lists in Office 365 SharePoint Online. 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.

[+ new task](#) or [edit this list](#)

All Tasks Calendar Completed ...

Find an item

Task Name	Follow-Up	Days left	Assigned To	Priority Color	Task Status	% Completed
! Prepare technical details	...	overdue	<input type="checkbox"/> Jane Roberts	(1) High	In Progress	10%
! Project planning meeting	...	1 day		(1) High	In Progress	20%
Site design	...		<input type="checkbox"/> John Smith <input type="checkbox"/> Jane Roberts	(3) Low	Not Started	0%
Add new company logo	...	5 days		(2) Normal	Deferred	50%
Prepare testing environment	...	done		(2) Normal	Completed	100%
Build phase #1	...	27 days		(2) Normal	In Progress	60%
Testing project	...		<input type="checkbox"/> John Smith	(2) Normal	Not Started	0%
! Project deployment	...	34 days		(1) High	In Progress	90%
Prepare documentation	...			(2) Normal	Not Started	0%

Sparqube Status Indicator App 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.

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

Task Status

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

Display	Condition
<input type="button" value="X"/> <input type="button" value="U"/> <input type="button" value="D"/> Icon <input type="button" value="Add style"/>	When Task Status is equal to fixed value Not Started <input type="button" value="Add condition"/>
<input type="button" value="X"/> <input type="button" value="U"/> <input type="button" value="D"/> Icon <input type="button" value="Add style"/>	When Task Status is equal to fixed value In Progress <input type="button" value="Add condition"/>
<input type="button" value="X"/> <input type="button" value="U"/> <input type="button" value="D"/> Icon <input type="button" value="Add style"/>	When Task Status is equal to fixed value Completed <input type="button" value="Add condition"/>
<input type="button" value="X"/> <input type="button" value="U"/> <input type="button" value="D"/> Icon <input type="button" value="Add style"/>	<input checked="" type="checkbox"/> When Task Status is equal to fixed value Deferred <input type="button" value="Add condition"/> <input checked="" type="checkbox"/> Or Task Status is equal to fixed value Waiting on some <input type="button" value="Add condition"/>

Indicator Tooltip

Indicator Tooltip:

None

Indicator value

Indicator Advanced Options

Show indicator in Display item form

Show indicator column name in list view

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


- Office 365 plan with SharePoint Online 2013 enabled
- Sparqube Foundation App <http://www.sparqube.com/SPOne-Foundation-App.aspx>
- Browsers: IE 8 or higher, Google Chrome latest release, Firefox latest release, Apple Safari

Licensing

Product supports free 30-days evaluation period with unlimited users. All product features are available during evaluation. The following message is displayed in status bar when product evaluation version is used:



Settings › Sparqube Status Indicator App

 **Sparqube Status Indicator App:** Evaluation period. You can use the product for 14 more day(s).

Note: After evaluation period has expired, the product usage will be blocked. This will be indicated by the message "Evaluation period has expired ". To proceed using Sparqube Status Indicator App license at any time.

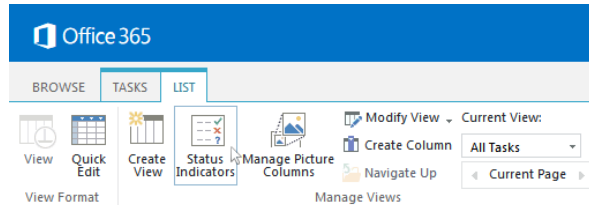
Configuration

Adding Status Indicators to SharePoint list

Any number of Sparqube Status Indicator instances can be added to any existing SharePoint list.

To add Sparqube Status Indicator to SharePoint list:

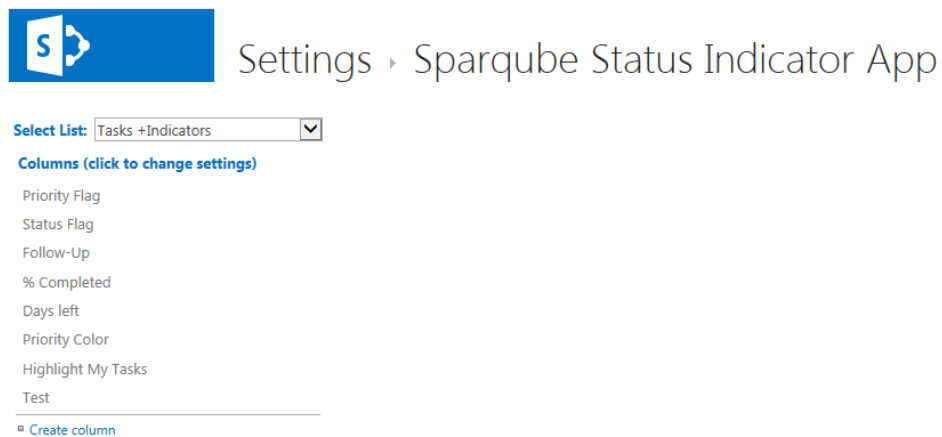
- 1) Open target SharePoint list and click **Status Indicators** button on the ribbon bar



You can also access it by clicking on Sparqube Status Indicator App in the Quick Launch menu or access it from Site Content.

NOTE: When you open app settings page for the first time, Sparqube Status Indicator will configure app for its first use, this may take up to 5 minutes.

- 2) On the app settings page, specify SharePoint list that you would like to add indicators to.
- 3) In the **Columns** section you can see a list of existing indicator columns. In order to add new one, click **Create column** link; to modify existing indicator columns, click on the column name in the list:



- 4) In the **Column name** and **Description** box type a name and optional description for the column.
- 5) In the **Indicator Type** section, select type of status indicator:



Current supported types are the following:

- **Progress Bar**
- **Icons**
- **Color Category**
- **Cell Color**

- Row Highlighting
- Countdown

Indicator types and their options are described in more detail further in the documentation.

The screenshot shows a task list with the following columns: Task Name, Follow-Up, Days left, Assigned To, Priority Color, Task Status, and % Completed. Annotations point to specific features:

- Countdown:** Points to the 'Days left' column, showing values like 'overdue', '1 day', '5 days', '27 days', '34 days'.
- Color Category:** Points to the 'Priority Color' column, showing categories like '(1) High', '(3) Low', '(2) Normal'.
- Row Highlighting:** Points to the background color of the rows, which changes based on priority or status.
- Icons:** Points to the 'Follow-Up' column, showing various status icons like flags and checkmarks.

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

The 'Indicator Value' section includes a text box for specifying the data source and a 'Get indicator value from' section with radio buttons for 'Column' (selected) and 'SharePoint Formula'. A dropdown menu shows 'Task Status' as the selected column.

7) **Indicator View** section allows specifying default display settings for indicator.

8) **Indicator Rules** will help you change indicator look based on certain 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. Following sample shows how to display different indicators based on choice columns:

The 'Indicator Rules' section shows a list of rules with 'Display' and 'Condition' settings. Each rule has an icon, a style, and a condition. The conditions are based on 'Task Status' being equal to a fixed value.

Display	Condition
Icon (Red), Add style	When Task Status is equal to fixed value Not Started
Icon (Yellow), Add style	When Task Status is equal to fixed value In Progress
Icon (Green), Add style	When Task Status is equal to fixed value Completed
Icon (Grey), Add style	When Task Status is equal to fixed value Deferred Or Task Status is equal to fixed value Waiting on some

Buttons for 'Add style', 'Add condition', and 'Add new rule' are visible.

9) In **Indicator Tooltip** section, you can specify default value that will be displayed in indicator tooltip. Possible values: none or indicator value.

10) 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

Indicator Tooltip:

None

Indicator value

Indicator Advanced Options

Show indicator in Display item form

Show indicator column name in list view

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.

Indicator Type

Progress Bar

Icons

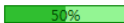
Color Category

Cell Color


Row Highlighting


Countdown


Indicator View
Specify indicator base display settings.


Progress preview: 

Progress settings:

Progress color 

Background color 

Border color 

Text color 

Text align

Width (pixels)

Progress look


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


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

Display

Background color 

Progress color 

Border color 

Text color 

[Add style](#)

Condition

When is less than 25 %

[Add condition](#)

When is less than 75 %

[Add condition](#)

[Add new rule](#)

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.

Task Name	Task Status	% Completed
Prepare technical details	In Progress	10%
Project planning meeting	In Progress	20%
Add new company logo	Deferred	50%
Prepare testing environment	Completed	100%
Build phase #1	In Progress	60%
Testing project	Not Started	0%
Project deployment	In Progress	90%

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

Icon

Tooltip

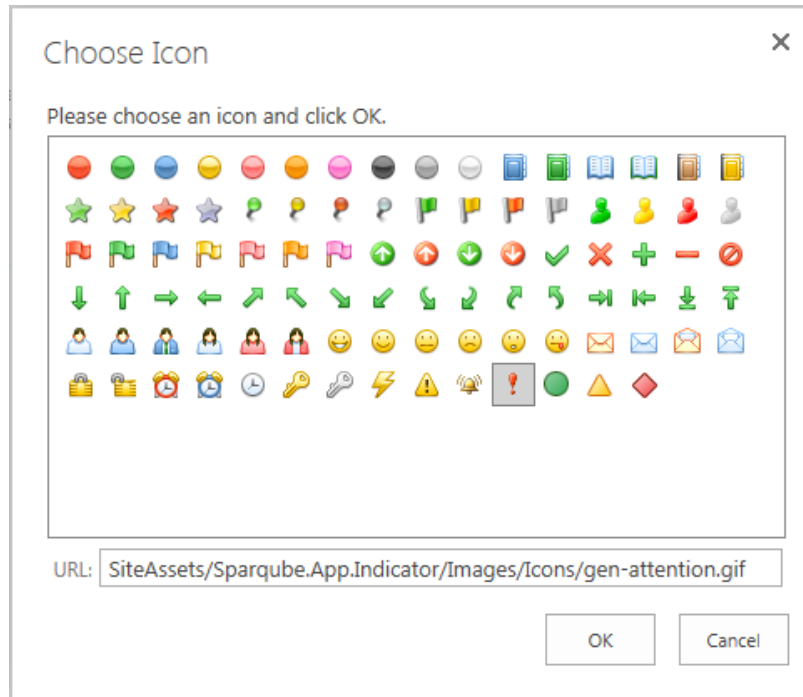
[+ Add new rule](#)

Condition

When is equal to (1) High

[+ Add condition](#)

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.

Indicator View
Specify indicator base display settings.

Category preview:

Category settings:
 Width (pixels)
 Height (pixels)
 Category look

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

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

Display	Condition
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Category color <input type="text" value="Red"/> Border color <input type="text" value="Red"/> Add style	When Task Status is equal to fixed value Or Task Status is equal to fixed value Not Started Add condition
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Category color <input type="text" value="Orange"/> Border color <input type="text" value="Orange"/> Add style	When Task Status is equal to fixed value In Progress Add condition
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Category color <input type="text" value="Green"/> Border color <input type="text" value="Green"/> Add style	When Task Status is equal to fixed value Completed Add condition
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Category color <input type="text" value="Grey"/> Border color <input type="text" value="Grey"/> Add style	When Task Status is equal to fixed value Deferred Or Task Status is equal to fixed value Waiting on some Add condition

Add new rule

Indicator Tooltip

Indicator Tooltip:
 None
 Indicator value

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 Priority of overdue tasks, which will have text color set to red.

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
 Due Date

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

Display: Text color (red)
 Condition: When [Indicator Value] is less than [Today] +0 minutes

Indicator Tooltip:
 None
 Indicator value

Row Highlighting

Choose **Row Highlighting** to highlight whole item rows in list view. The following sample demonstrates how to highlight tasks that are assigned to current user.

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
 Task Name

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

Display: Row color (pink)
 Condition: When Assigned To contains [Me]

Indicator Tooltip:
 None
 Indicator value

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 ten days will have yellow text color and indicator for dates closer than three days will have red color; indicator for completed tasks will show "done" green text, overdue tasks – red "overdue".

Indicator View
Specify indicator base display settings.

Countdown settings:
 Mode:
 Format:
 Display: Years Months Days Hours Minutes
 Bar Chart

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

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

Display	Condition
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Text color: <input type="text" value="green"/> Custom text: <input type="text" value="done"/> <input type="button" value="Add style"/>	When: <input type="text" value="Task Status"/> is equal to <input type="text" value="fixed value"/> Completed <input type="button" value="Add condition"/>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Text color: <input type="text" value="red"/> Custom text: <input type="text" value="overdue"/> <input type="button" value="Add style"/>	When: <input type="text" value="[Indicator Value]"/> is less than <input type="text" value="[Today]"/> +0 minutes <input type="button" value="Add condition"/>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Text color: <input type="text" value="red"/> <input type="button" value="Add style"/>	When: <input type="text" value="[Indicator Value]"/> is less than <input type="text" value="[Today]"/> +3 days <input type="button" value="Add condition"/>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Text color: <input type="text" value="yellow"/> <input type="button" value="Add style"/>	When: <input type="text" value="[Indicator Value]"/> is less than <input type="text" value="[Today]"/> +10 days <input type="button" value="Add condition"/>

Indicator Tooltip

Indicator Tooltip:
 None
 Indicator value

Resulting list will look similar to this:

new task or **edit this list**

All Tasks Calendar **Countdown** ...

Task Name	Due Date	Days left
Prepare technical details	11/3/2014	overdue
Project planning meeting	11/28/2014	1 day
Add new company logo	12/2/2014	5 days
Prepare testing environment	10/14/2014	done
Build phase #1	12/24/2014	27 days
Project deployment	12/31/2014	34 days

Release Notes

Version 1.0

Initial release (build 1.0.15.1)

Changes (build 1.0.15.3):

- Fixed: Indicator rendering in IE browser with SharePoint MDS enabled

Changes (build 1.0.15.4):

- Added: Approval Status and Workflow Status fields can be used in indicator rules editor

Changes (build 1.0.15.5):

- Fixed: Crash in list view with large number of items

Changes (build 1.0.15.6):

- Changed: Performance improved