

3D Tag Cloud on JavaScript for Magento

User Guide

version 1.0

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1. Introduction

1.1. Purpose

This document is a **User Guide** for **3D Tag Cloud (on JavaScript) for Magento**. It describes how work with the extension.

3D Tag Cloud (on JavaScript) for Magento creates a dimensional cloud of tags that rotates on your website. No **Flash** is used for it, the extension has been developed on pure JavaScript, so your tags will be indexed by search engines (which is not possible with Flash technology).

If the area for tag cloud is square – the tags will be rotated in the trajectory of a sphere. If the area of tag cloud is rectangular - the tags will be rotated in the trajectory of an ellipsoid.

Another great advantage of **3D Tag Cloud (on JavaScript) for Magento** is that it allows not only to use defaults tags from your Magento Store, but also to create a custom list of items with the same dimensional rotating effect. These items can be your best products, or URLs of your websites, or anything. Moreover, you can set custom weight for each item and a custom color. With this feature you create a list of items that you want to attract attention to.

2. Installation and License

2.1. Installation

All our Magento extensions and templates are installed via **IToris Installer**.

Download **IToris Installer** from here <http://www.itoris.com/itoris-magento-installer.html> and un-pack to the root of your website. It will then appear in menu **System ->IToris extensions -> IToris Installer**.

Open it and you will see all our Magento Extensions and Templates, both installed and available. You can install, update and un-install them with one click now.

Find **3D Tag Cloud** in the list of extensions and press **Install** button. The extension will be installed.

2.2. License

3D Tag Cloud is multi-domain. You can install it on as many websites as you need. The license also includes free life-time updates for the extension.

3. How to Use

3.1. Settings. Standard Configuration

Install **3D Tag Cloud** and open it in admin area (**System ->IToris extensions -> IToris Installer**). You will see Standard Configuration settings.

The screenshot shows the Magento Admin Panel interface. At the top, there is a navigation bar with the Magento logo and 'Admin Panel' text, a search bar, and user information: 'Logged in as admin | Wednesday, September 15, 2010 | Log Out'. Below this is a menu bar with items: Dashboard, Sales, Catalog, Customers, Promotions, Newsletter, CMS, Blog, Reports, System, and a 'Get help for this page' link. The main content area is titled 'Settings' and has two sub-sections: 'Standard Configuration' (selected) and 'Custom Configuration'. The 'Standard Configuration' section is titled 'Standard Configuration Settings' and contains the following fields:

- Border color (as #RRGGBB) or blank if transparent: 000000
- Background color (as #RRGGBB) or blank if transparent: (empty)
- Font size in pixels *: 16
- Font *: Arial (dropdown menu)
- Font color (as #RRGGBB) *: 000000
- Replace standard tag clouds:

 A 'Save Configuration' button is located in the top right corner of the settings area.

You can set:

- **Border color** – color of border around each tag. If you do not need a border – leave it blank.
- **Background color** – color of tag cloud area’s background. If you want it to be transparent – leave it blank
- **Font size** – size of font of tags. This is the largest size of a tag (when it is closer to the viewers)
- **Font** – the font of tags
- **Font color** – the color of tags’ font
- **Replace standard tag cloud** – when checked, 3D Tag Cloud will replace all standard Tag Clouds around all your website

3.2. Settings. Custom Configuration

This is a special feature of the extension. When you do not want to use your defaults tags, but rather wish to attract your users’ attention to your best products, or add websites of your partners as tags or create any other custom list – select Custom Configuration of the left.

The screenshot shows the Magento Admin Panel interface for the 'Custom Configuration' section. The top navigation bar and menu bar are identical to the previous screenshot. The 'Settings' sidebar now highlights 'Custom Configuration'. The main content area is titled 'Custom Configuration Settings' and contains the following fields:

- Border color (as #RRGGBB) or blank if transparent: (empty)
- Background color (as #RRGGBB) or blank if transparent: (empty)
- Font *: Arial (dropdown menu)
- Font size in pixels *: 16

 Below these settings is a 'Custom Tags' table with the following structure:

Id	Tag	Redirect URL	Font color (as #RRGGBB)	Priority	Actions
	<input type="text"/>	<input type="text"/>	<input type="text"/>	70	<input type="button" value="Add New"/>

 A 'Save Configuration' button is located in the top right corner of the settings area.

Here you will get general settings for Tag Cloud area as well as ability to add custom tags and special settings for each tag separately.

General settings:

- **Border color** – color of border around each tag. If you do not need a border – leave it blank.
- **Background color** – color of tag cloud area’s background. If you want it to be transparent – leave it blank
- **Font** – the font of tags
- **Font size** – size of font of tags. This is the largest size of a tag (when it is closer to the viewers)

Special settings for each tag cloud:

- **ID** – ID of your custom tag
- **Tag** – name of your custom tag that will be displayed
- **Redirect URL** – URL in <http://www.mysite.com/...> format where your users will be redirected when the tag is clicked
- **Font Color** – each of your custom tags can have its own color
- **Priority** – the more priority your tag has the larger it will be. The largest size you set in **Font size** setting, the tags having less priority will be smaller accordingly.
- **Actions** – here you can add new tags, edit and delete the existing ones.

3.3. How to add on website

There are 3 ways how tags can be added to the website:

- Replace all Tag Clouds you have by defaults (Popular tags on the main page on the bottom left, All tags going in the middle of the page, Product tags available on product pages)
- Add your own Tag Clouds on CMS pages (content)
- Add your own Tag Clouds in custom places on the level of Website template layout

Replace all standard tag clouds automatically (for defaults tags only):

When **Replace standard tag cloud** checkbox is checked – all your standard tag clouds all over the website will be replaced with new Tag Clouds (for defaults tags).

By defaults here all Magento settings will be kept – number of tags, height and width of the areas.

The width and height of the new tag cloud will correspond to the sizes of the container it is added to (in this case – the new tag cloud will be of the same size as the defaults tag clouds). The number of tags will be taken from the website’s defaults configs. I.e. if you have a page on the website that shows all tag clouds and the config has 100 tags to be displayed – with **3D Tag Cloud** you will get the tag cloud area of the same size and with the same number of tags to be displayed maximum.

If you need other sizes for defaults tags – you can forcible set width and height.

Add to a CMS page:

You can add Tag Cloud area to a CMS page. To do it add the tag to the page:

```
{{block type="itoris_rcot/cloud" set="<type>" count="<number of tags>" height="<height>" width="< width>"}}
```

Where:

- **<type>** should be **standard** or **custom** (depending on whether you use defaults tags or a custom list of tags)
- **<number of tags>** - enter the number of tags to be displayed in the tag cloud area
- **<width>** - width of Tag Cloud area
- **<height>** - height of Tag Cloud area

E.g.

```
{{block type="itoris_rcot/cloud" set="custom" count="3" height="100" width="300"}}
```

Add to a file layout:

You can insert tag cloud in a file layout. To do it add the following to the page:

```
<block type="itoris_rcot/cloud" name="itoris_rcot_cloud">
  <action method="setData">
    <name>set</name><value><type> </value>
  </action>
  <action method="setData">
    <name>count</name><value><number of tags></value>
  </action>
  <action method="setData">
    <name>width</name><value><width> </value>
  </action>
  <action method="setData">
    <name>height</name><value><height> </value>
  </action>
</block>
```

Where:

- <type> should be **standard** or **custom** (depending on whether you use defaults tags or a custom list of tags)
- <number of tags> - enter the number of tags to be displayed in the tag cloud area
- <width> - width of Tag Cloud area in px
- <height> - height of Tag Cloud area in px

E.g.

```
<block type="itoris_rcot/cloud" name="itoris_rcot_cloud">
  <action method="setData">
    <name>set</name><value>standard </value>
  </action>
  <action method="setData">
    <name>count</name><value>10</value>
  </action>
  <action method="setData">
    <name>width</name><value>400 </value>
  </action>
  <action method="setData">
    <name>height</name><value>150 </value>
  </action>
</block>
```

3.3.1. The priority of defining width and height for Tag Clouds

When you add 3D Tag Clouds to your website – width and height for the area can be set in different places. The priority (lower to higher) is the following:

- Widths and height are set for the area in CSS
- Width and height are set for the area in layout
- Width and height are set forcibly in the parameters of the tag cloud area

N.B. When width and height are not defined at all for All Tags page – the width will be calculated automatically depending on the layout of the page. The height in this case will be equal to the width (square area).

When width and height are not defined at all for Tags area on products' pages – the width will be calculated automatically depending on the layout of the page. The height in this case will 1/3 of the width.