

EXT: EfA Font Resizer

Extension Key: **efafontsize**

Copyright 2007, support@cobweb.ch, <support@cobweb.ch>

This document is published under the Open Content License available from <http://www.opencontent.org/opl.shtml>

The content of this document is related to TYPO3 - a GNU/GPL CMS/Framework available from www.typo3.com

Table of Contents

EXT: EfA Font Resizer	1	Using the resizer.....	2
Introduction	1	Configuration	2
What does it do?.....	1	TypoScript Constants.....	2
Screenshots.....	1	TypoScript Setup.....	3
Credits.....	1	To Do List	3
Users manual	2	Known problems	4
Installation.....	2	Changelog	4

Introduction

What does it do?

This extension allows to display on your web site controls for changing the font size using JavaScript. Font size can be enlarged, reduced or reset to some default value.

Screenshots

Here's a web page with the three font size controls (larger, default and smaller).



Credits

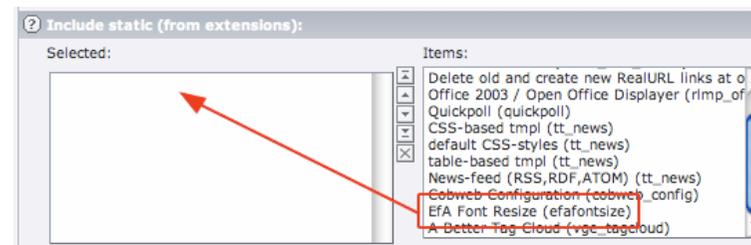
The JavaScript used in this extension was developed by the accessibility web site Einfach für Alle (<http://www.einfach-fuer-alle.de/>). It was slightly modified to add the "reset" control. Permission to package this script into a TYPO3 extension was requested, but no answer was ever received. Since the script is free for download and devoid of any license or copyright notices, it is probably alright. I have added copyright notices in the JavaScript files, just so that the origin does not get forgotten.

Users manual

Installation

The installation is quite simple:

1. download and install the extension using the Extension Manager
2. include the extension's static TS template into your template



Using the resizer

The font resizer cannot be used as a content element. It is designed to be used purely as a TypoScript inclusion in your template. This is done as follows (if using TemplaVoilà):

```
lib.fontSize < plugin.tx_efafontsize_pil
lib.fontSize {
    defaultFontSize = 80
    fontSizeIncrement = 10
}
```

and then using that lib.fontSize object in one of your elements. The syntax is similar with the markers system:

```
temp.fontSize < plugin.tx_efafontsize_pil
temp.fontSize {
    defaultFontSize = 80
    fontSizeIncrement = 10
}
page.subparts.FONTSIZE < temp.fontSize
```

assuming you have a **###FONTSIZE###** marker in your HTML model.

On top of that an initialization script must be called as the very first thing after the <body> tag. Let's assume that your PAGE object is called "page" and that the content first comes at index 10:

```
page = PAGE
page.10 = USER
page.10 {
    ...
}
```

then the font resizer initialization must be called with an index smaller than 10, e.g.:

```
page.1 < plugin.tx_efafontsize_pil
page.1.userFunc = tx_efafontsize_pil->initEfa
```

Note that the **userFunc** must be changed. It is not the traditional "main" that is called in this case, but another method called "initEfa".

Configuration

TypoScript Constants

Property:	Data type:	Description:	Default:
defaultFontSize	int	Default font size expressed as a percentage (but without units)	100
fontSizeIncrement	int	Increment by which the size of the font should be varied (up or down) every time a control is pressed. Expressed as a percentage (but without units)	10

TypoScript Setup

Property:	Data type:	Description:	Default:
defaultFontSize	int	Default font size expressed as a percentage (but without units)	{plugin.tx_efafontsize_pi1.defaultFontSize}
fontSizeIncrement	int	Increment by which the size of the font should be varied (up or down) every time a control is pressed. Expressed as a percentage (but without units)	{plugin.tx_efafontsize_pi1.fontSizeIncrement}
controlOrder	string	This string defines the order of display of the controls. It contains the three words "smaller", "reset" and "bigger" separated by commas. It must absolutely contain those three words, even if you intend to hide some controls. Hiding a control is achieved by using the boolean value of each control as described below. If even one word is missing from this property, the script will revert to the default value.	smaller,reset,bigger
bigger	boolean/ ->controlConfig	Set to 1 to display the "Enlarge font size" control. Set to 0 to hide. Configuration parameters for the controls are entered as sub-properties.	bigger = 1 bigger { insideHTML = IMAGE insideHTML.file = EXT:efafontsize/res/icons/bigger.gif }
reset	boolean/ ->controlConfig	Set to 1 to display the "Reset font size" control. Set to 0 to hide. Configuration parameters for the controls are entered as sub-properties.	reset = 1 reset { insideHTML = IMAGE insideHTML.file = EXT:efafontsize/res/icons/reset.gif }
smaller	boolean/ ->controlConfig	Set to 1 to display the "Reduce font size" control. Set to 0 to hide. Configuration parameters for the controls are entered as sub-properties.	smaller = 1 smaller { insideHTML = IMAGE insideHTML.file = EXT:efafontsize/res/icons/smaller.gif }

[sref:plugin.tx_efafontsize_pi1]

Control parameters

Property:	Data type:	Description:	Default:
beforeHTML	cObj	HTML to be displayed before the control proper	
insideHTML	cObj	The control itself	an IMAGE cObj with a relevant icon (see above)
class	string	Value of the class attribute to apply to the <a> tag around the control	
id	string	Value of the id attribute to apply to the <a> tag around the control	
name	string	Value of the name attribute to apply to the <a> tag around the control	
accesskey	string	Access key for the control	
onmouseover	string/stdWrap	JavaScript to execute upon the onmouseover event. It seems using double quotes inside this property doesn't work, so stick to single quotes.	
onmouseout	string/stdWrap	JavaScript to execute upon the onmouseout event. It seems using double quotes inside this property doesn't work, so stick to single quotes.	
onfocus	string/stdWrap	JavaScript to execute upon the onfocus event. It seems using double quotes inside this property doesn't work, so stick to single quotes.	
afterHTML	cObj	HTML to be displayed after the control proper	

[sref:plugin.tx_efafontsize_pi1.controlConfig]

To Do List

- Check that cookies are set and read properly. I suspect that there's some interference from cookies set on other sites, which shouldn't be possible, but I haven't been able to pin down any real problem. If you experience something, please send some feedback.

Known problems

None to date. Please report any problem to support@cobweb.ch.

Changelog

Version	Changes:
1.2.1	Corrected error in code example in manual (thanks to Hagen Reimer)
1.2.0	Corrected bug when hiding a control Added possibility to alter the order of the controls
1.1.0	Fixed issue with multi-line cObj content and JavaScript
1.0.0	First public release