TYPO3

EXT: ReadSpeaker - Online Text to Speech

Extension Key: readspeaker

Language:

Version: 0.2.0

Keywords: text to speech, web accessibility

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The content of this document is related to TYPO3

- a GNU/GPL CMS/Framework available from www.typo3.org

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Introduction

What does it do?

This extension allows to integrate the ReadSpeaker widget in the TYPO3 front-end. ReadSpeaker (http://www.readspeaker.com/) is a service that fetches the contents of a web page and transfers those to spoken words. Thus, this is a good way to deliver kind of a screen reader for your website out of the box.
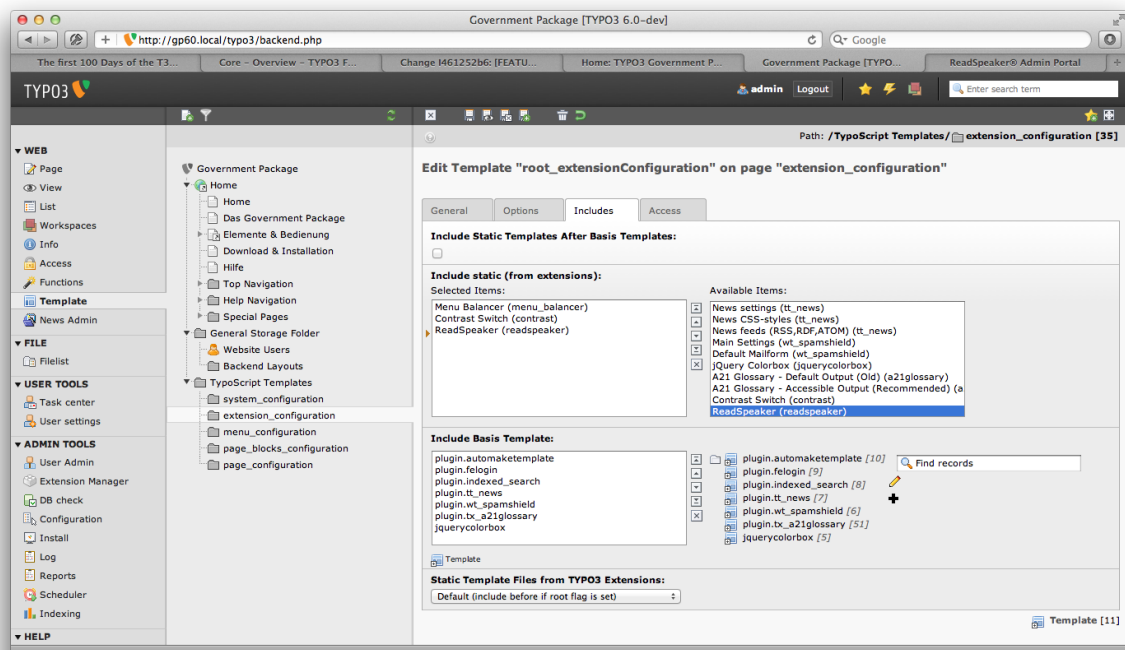
Screenshots

ReadSpeaker button that is rendered above the main content column

Administration

Configuration

TypoScript Templates

This extension is shipped with a static template that needs to be included.

Inclusion of static TypoScript in the TYPO3 back-end

Configuration

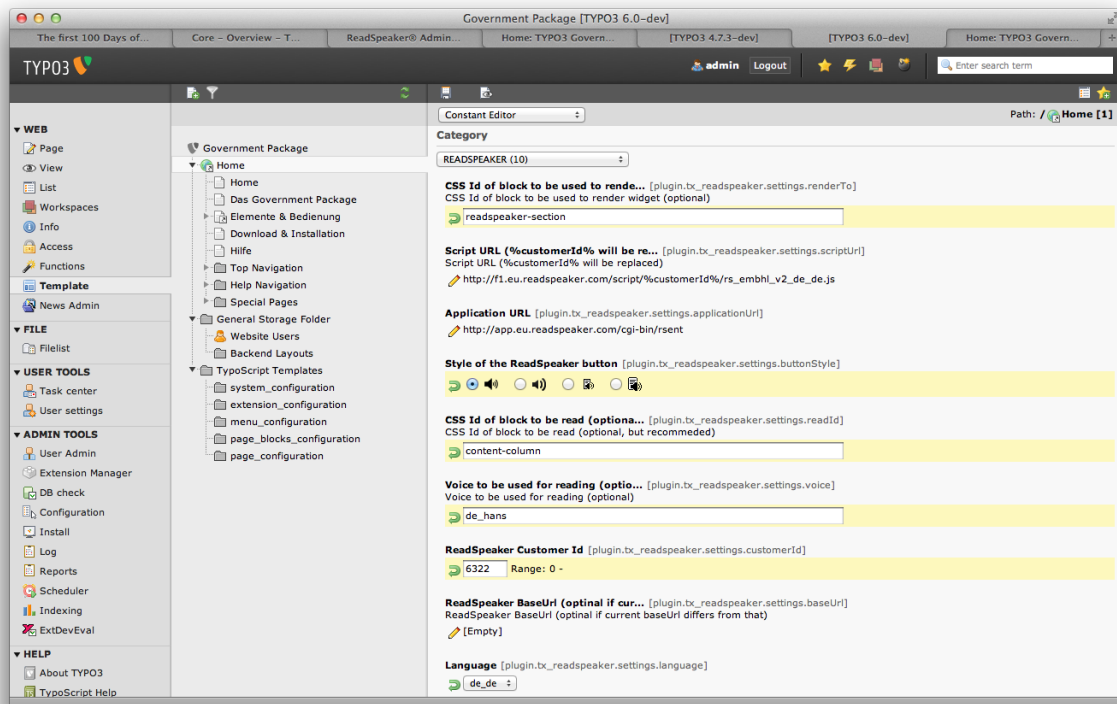Most of the settings can be defined by using the constant editor in the TYPO3 back-end. Most important properties are `customerId` and `readId` (see TypoScript reference for further details).

Let's assume that the main content column has the CSS id `content-column` and thus shall be used as `readId`, the part of the site to be read by ReadSpeaker.

Content column with CSS id `content-column`

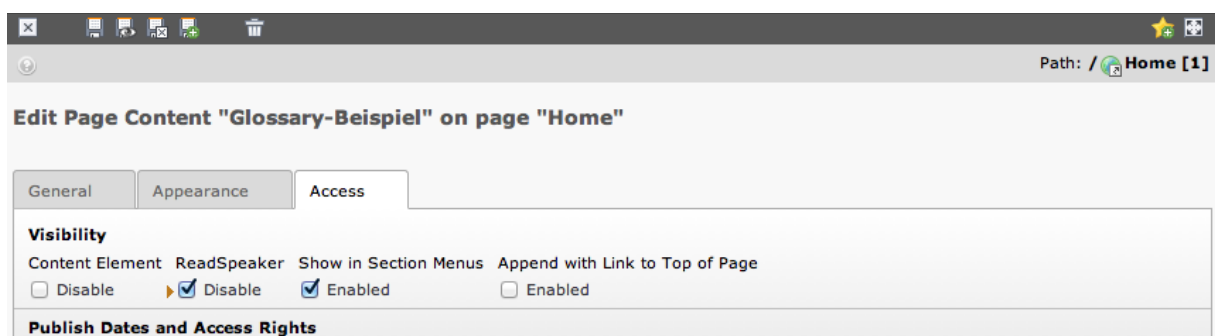Various properties that can be modified in the TYPO3 constant editor

Disable ReadSpeaker for content elements or pages

The ReadSpeaker feature can be disabled for a whole page or for particular content elements on a page. For content elements the accordant part is wrapped the CSS class `rs-skip`.

Disabling ReadSpeaker for a particular page

Disabling ReadSpeaker for a particular content element

Configuration

Reference

plugin.tx_readspeaker

Property:	Data type:	Description:	Default:

settings	array	Defines several settings that can be defined in the constant editor.
		
		Example:
		`settings {`
		`  stylesheet = fileadmin/readspeaker.css`
		`  customerId = 12345`
		`  baseUrl = ...`
		`  language = en_en`
		`  readId = content-column`
		`  renderTo = readspeaker-section`
		`  scriptUrl = ...`
		`  applicationUrl = ...`
		`  buttonStyle = tx-readspeaker-icon-basic`
		`}`	

renderObject	cObject	Applies to restricted URLs
		
		Example:
		`renderObject = COA`
		`renderObject {`
		`  10 = TEXT`
		`  10 {`
		`    ...`
		`  }`
		`}`	

plugin.tx_readspeaker.settings

Property:	Data type:	Description:	Default:
stylesheet	string	File name of an alternative CSS stylesheet to be used.	
customerId	integer	The customerId provided by ReadSpeaker, you need a valid contract from http://www.readspeaker.com/	
baseUrl	string	Defines an alternative base URL to be used, in case your website is running on different domains and the currently used domain not activated in your ReadSpeaker account. **Example:** Assume that `baseUrl` is set to the following value http://www.mydomain.com then http://test.local/home.html?query=value will be modified to http://mydomain.com/home.html?query=value	
language	string	The dictionary to be used (e.g. en_en, de_de, fr_fr, ...)	en_en
voice	String	Optional voice to be used (e.g de_hans, ...)	
readId	string	CSS id to be used to determine the contents to be read.	

Property:	Data type:	Description:	Default:

renderTo	string	CSS id to be used to render the ReadSpeaker widget to.
		
		Example:
		`<div id="readspeaker-section">`
		will be extended to containt the ReadSpeaker widget
		`<div id="readspeaker-section">`
		  `<div id="tx-readspeaker-widget-1"`
		     `class="tx-readspeaker-widget rs_skip">`
		     `...`
		  `</div>`	

scriptUrl	string	(internal) URL of the ReadSpeaker JavaScript	
applicationUrl	string	(internal) URL of the ReadSpeaker application reading texts	
buttonStyle	string	CSS class name of the "read text" button to be used.	

ChangeLog

Version:	Changes:
0.2.0	Update constant editor screenshot, add baseUrl & voice properties
0.1.0	Initial version of this documentation