Base Distribution - Work Package # 45007: Basic Accessibility of the Neos Backend (step 1)

Status:	Accepted	Priority:	Must have
Author:	Sebastian Kurfuerst	Category:	Content Editing
Created:	2013-01-31	Assignee:	Rens Admiraal
Updated:	2013-02-16	Due date:	

Subject:	Basic Accessibility of the Neos Backend (step 1)
Description:	h1. Accessibility of the Neos Backend

h1. Accessibility of the Neos Backend

* Target Audience: *power users or people with disabilities* who want to edit content using the keyboard or assistive devices like screen readers
* Responsible: "Rens Admiraal (click to contact)":http://forge.typo3.org/users/3198
* Implemented by: Rens Admiraal, Patrick Broens
* Amount: 20 work days
* Version: *must have* for 1.0
* Planned Implementation Timeframe: February till half-way april

h2. Motivation

People with disabilities can have huge problems using webapplications. There are specifications available like WAI-ARIA which can be used for enabling those people to use all features the Neos interface offers.
A power user is used to using keyboard shortcuts and navigation. As the WAI-ARIA specification already requires keyboard navigation the power user will have a faster editing experience.

h2. Goal

We aim for a backend, usable by all people, not limited by disabilities. It has to be compatible with assistive technology like screenreaders. By having a smooth keyboard control the content editing will also be a lot faster for power users.
Besides implementation we aim for awareness by offering guidelines and documentation how other developer can develop modules in Neos following the same principles so those will be accessible too.
In this work package we will implement the first steps needed to have an accessible backend.

h2. Deliverables

* Add WAI-ARIA landmarks / roles for application, navigation, content and inspector
* Enable keyboard navigation trough content elements and the inspector (WAI-ARIA)
* Edit Content with Keyboard Shortcuts (general editing like copy, paste, cut, delete and create on content elements)
* *Could have* keyboard navigation in menubar and toolbar
* *Could have:* A clear help function in the for usage of this feature (like the overlay in for example gerrit or github)
* Keyboard mapping for cross-browser / OS compatibility (using a library like http://craig.is/killing/mice)
* Documentation of the feature, and documentation for other developers using / extending Neos
* Publications

h2. Dont' haves

* Custom content editors like image editor / cropping are not supported

History

2013-01-31 13:44 - Rens Admiraal

- Subject changed from [WIP] Basic Accessibility of the Neos Backend to [WIP] Basic Accessibility of the Neos Backend (step 1)

2013-01-31 14:17 - Rens Admiraal

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2013-02-16 14:59 - Sebastian Kurfuerst

- Status changed from New to Accepted