TYPO3 Core - Bug #92645

Caps lock image misses correct markup for status output, has duplicate content in title and overlaps delete button

2020-10-21 15:23 - Georg Ringer

Status:	Closed		**Start date:**	2020-10-21
Priority:	Should have		**Due date:**	
Assignee:	Georg Ringer		**% Done:**	100%
Category:	Backend User Interface		**Estimated time:**	0.00 hour
Target version:				
TYPO3 Version:	11		**Complexity:**	
PHP Version:			**Is Regression:**	
Tags:			**Sprint Focus:**	

Description

When a user has the caps lock key activated and types text into the form input for username or password, an image appears on the right side of the form input.

```
<div class="form-notice-capslock t3js-login-alert-capslock">
  <img src="/typo3/sysext/backend/Resources/Public/Images/icon_capslock.svg"
width="14" height="14" alt="Attention: Caps lock enabled!" title="Attention: Caps lock enabled!">
</div>
```

There are several accessibility problems with this image:

- This image represents a warning to the user that the caps lock key is activated. Such warnings and suggestions for form inputs need to have a special markup, so that also screenreader users are aware of the existence of such a warning. This status message is not marked up correctly for screenreader users.
- The image is positioned at the same location as the delete button, so the delete button is not visible to sighted users anymore. Screenreader users still get the information that there is a button.

  <button type="button" tabindex="-1" class="close" style="visibility: visible;">

- The title attribute of an image should be used for adding a long description for the image. In this case, the title and alt attribute have the same content and get read out twice by some screenreaders.

Recommendation

To fix the issues, apply the following implementation:

- Use the ARIA role="status" with the caps lock
- Align the delete button and the caps lock image in a way that both are visible.
- Use the title attribute of the image to provide a longer description, for example "If you activated the caps lock key accidentally, deactivate the key and enter the correct value again"

Associated revisions

Revision f10d0767 - 2020-10-21 17:56 - Georg Ringer

[BUGFIX] Improve capslock information on login page

The capslock information is improved by the following changes:

- Change the position to avoid covering the clear icon
- Add the role="status" to improve the accessibility
- Clear the alt attribute as it contains the same information as the title attribute.

Resolves: #92645
Releases: master
Change-Id: I676dd76627d1de2b765913b239ea1d21e1d55e17
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/66234
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History

#1 - 2020-10-21 15:28 - Gerrit Code Review

- Status changed from Accepted to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/66234

#2 - 2020-10-21 18:00 - Georg Ringer

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset f10d0767ab6220843ef24e99b8642c4f6ada6d73.

#3 - 2020-12-22 11:04 - Benni Mack

- Status changed from Resolved to Closed