CKEditor 5

Technical Roadmap

COREMEDIA

Motivation

» **EOL:** CKEditor 4 reaches EOL in <u>2023</u>

» **CKEditor Maintenance:** Focus will be on CKEditor 5

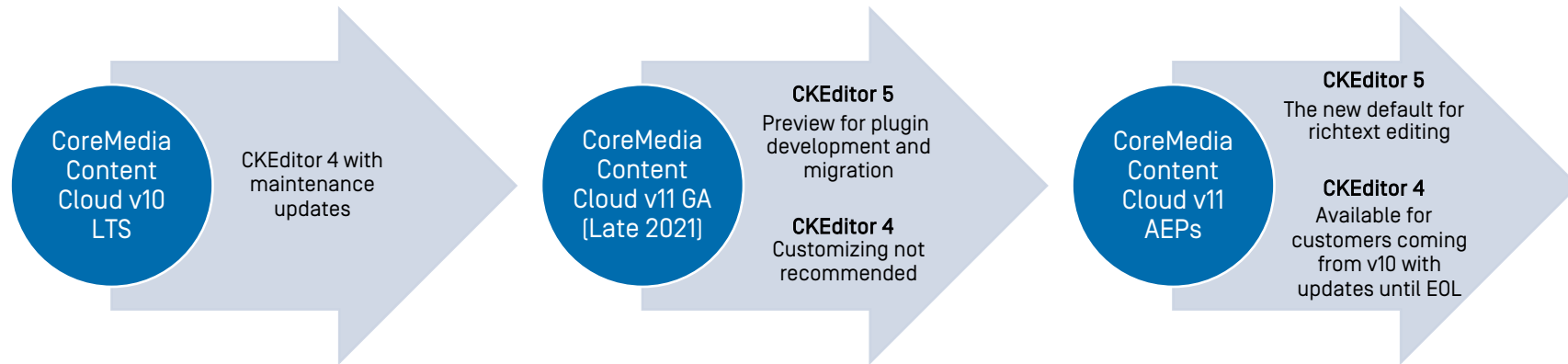» **Rewrite:** CKEditor 5 is a complete rewrite of CKEditor 4

Benefits of CKEditor 5

» Froala

» Summernote

» Quill

» SlateJS

» CKEditor 5

» TinyMCE 5

» …

There are many alternatives. CKEditor 5 is the best match for CoreMedia Content Cloud.

» Extensive range of enterprise plugins to improve quality of editorial texts

» Flexible design for providing user-friendly interfaces to increase editing efficiency

» Concise and developer-friendly documentation to speed up development

» Future-proof architecture with support for ReactJS, VueJS, and Angular

» Expected lower migration efforts because of similarities to CKEditor 4 and its plugins

Roadmap

CoreMedia Content Cloud v10 LTS

CKEditor 4 with maintenance updates

CoreMedia Content Cloud v11 GA (Late 2021)

CKEditor 5
Preview for plugin development and migration

CKEditor 4
Customizing not recommended

CoreMedia Content Cloud v11 AEPs

CKEditor 5
The new default for richtext editing

CKEditor 4
Available for customers coming from v10 with updates until EOL

Architectural Vision

Studio Core

[Public] CKEditor Repository

- `@coremedia/studio-glue`
- `@coremedia/richtext-dataprocessor`
- `@coremedia/internal-link`
- `@coremedia/embedded-media`
- `@coremedia/ckeditor5-theme-default`
- …

Blueprint

Workspace for CKEditor custom build

Together with the publicly released plugins, migration of CKEditor plugins will be as easy as it can be.

Migrating from CMCC v10

» CKEditor 4 will not be included in releases after CMCC v11. It is recommended though not mandatory to migrate to CKEditor 5 when upgrading to CMCC v11. We will provide updates for the CKEditor 4 in the Studio as long as there are releases from CKSource [2023].

» The initial release of the CKEditor 5 in CMCC v11 is planned to offer the same richtext editing features and extension points out of the box as CMCC v10. It is our goal to make the migration process as seamless as possible.

» CKEditor 5 by default removes *unknown* elements and attributes. Plugins inserting custom attributes and elements must be migrated.

» We plan to provide pre-releases as soon as possible so that you can test customizations prior to upgrading to CMCC v11.

» There is the migration documentation from CKSource and there will be examples from CoreMedia to simplify the upgrade to CKEditor 5.

Recommendation

» Only consider developing new CKEditor 4 plugins, if you haven't planned to migrate to CMCCv11 in the near future.

» Archive the specification and the requirements of custom plugins to simplify the migration in the future.

» Do not invest in custom Studio UIs for your plugin. With CKEditor 5 we will focus on using the native UI to enable re-use in other Studio Apps that are not based on ExtJS.

» Check out our GitHub repositories. We will share our experiences from upgrading native plugins with you!