

Using Components in the Rich Text Editor (RTE)

- Basic Setup and Configuration
- Advanced Use Notes

RTE Components are components just like any other component in the CMS.

Basic Setup and Configuration

1. Create component content type
 - a. Example fields
 - i. **Auto-filename, file-name**
 - ii. **Internal Name: internal-name**
 - iii. **Greeting Text: greetingText**
2. Create component template
 - a. Example template
 - i. `<h1>${model.greetingText}</h1>`
3. Configure component to be available in RTE
 - a. Add component to configuration in repository at `/cstudio/config/sites/SITE/form-control-config/rte/rte-setup.xml`
4. Make sure component support code is called in your site templates
 - a. Near the bottom of your page, in the Freemarker template place the following include:
 - i. `<#include "/templates/system/common/components-support.ftl" />`
 - a. In your page template be sure to include the following JS file:
 - i. `/static-assets/js/jquery-1.8.0.min.js`
 - ii. `/static-assets/js/crafter-support-1-0-0.js`
 - iii. On document ready this will move the component from it's rendered location to the location it belongs at in the flow of the RTE text.
5. Using the RTE insert a component
6. Fill out the form, then click save and close
7. Verify that the component renders in the RTE
8. Double click on the component to move, edit or delete the component
9. Save and preview the page to verify that the component is rendered properly and is visible in the location chosen in the RTE
 - a. Not that RTE components are rendered at the location of the include tag (crafter support) and then hidden from the user
 - b. The crafter-support Javascript file moves the hidden component rendering to the position specified in the RTE.
 - i. While this technique requires JS in order to work, the solution allows for the exact positioning of widgets in the RTE and provides a better flow of content for SEO purposes.

Advanced Use Notes

- It is sometimes appropriate to put a section in your content model for the component that allows the author to choose formatting options such as:
 - Float right
 - Float left
 - padding (top, right, bottom, left)
- It is also common to provide different display mode options for the component to the author. The template then uses the model and the authors selection to render the component in the selected fashion
 - Example Video modes
 - As Link
 - As thumbnail
 - In Line
 - Lightbox