

# Ckeditor5

- description : Ckediotr5
- author : slaptear
- email : sgjang@repia.com
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- CKEditor5 5가 가 Classic editor Document editor 2가
- editor Ckeditor5 CDN Script head
- CKEditor5 ( Ref )

```
<script
src="https://cdn.ckeditor.com/ckeditor5/36.0.1/decoupled-document/ckeditor.j
s"></script>
```

## Classic editor

- editor div textarea

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>CKEditor 5 – Classic editor</title>
  <script
src="https://cdn.ckeditor.com/ckeditor5/36.0.1/classic/ckeditor.js"></script
>
</head>
<body>
  <h1>Classic editor</h1>
  <div id="editor"> //
    <p>This is some sample content.</p>
  </div>
  <script>
    ClassicEditor
      .create( document.querySelector( '#editor' ) )
      .catch( error => {
        console.error( error );
      } );
  </script>
</body>
</html>
```

## Document editor

- toolbar editor
- editor toolbar div

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>CKEditor 5 – Document editor</title>
  <script
src="https://cdn.ckeditor.com/ckeditor5/36.0.1/decoupled-document/ckeditor.js"></script>
</head>
<body>
  <h1>Document editor</h1>
  <!-- editor toolbar container-->
  <div id="toolbar-container"></div>

  <!-- editor -->
  <div id="editor">
    <p>This is the initial editor content.</p>
  </div>

  <script>
    DecoupledEditor
      .create( document.querySelector( '#editor' ) )
      .then( editor => {
        const toolbarContainer = document.querySelector( '#toolbar-
container' );

        toolbarContainer.appendChild( editor.ui.view.toolbar.element
);
      } )
      .catch( error => {
        console.error( error );
      } );
  </script>
</body>
</html>
```

## Tip

- get,setData()
  - CKEditor5 getData() setData() 가 .
  - 
  - < >

```
<script>
```

```

let testEditor;
// ClassicEditor
.create(document.querySelector( '#editor' ))
.then( editor => {
    testEditor= editor;
})
.catch( error => {
    console.error( error );
});
// 가
testEditor.getData();
//
testEditor.setData('<p>example</p>');
</script>

```

- CKEditor5
- Adapter

### UploadAdapter

- Custom image upload adapter
  - CKEditor5
  - CKEditor5
- - file FormData controller

### Controller

- url addObject
  - 가 가 가 base64 img src
  - editor p img 가

```

@PostMapping(value = "url ")
public ModelAndView imageUpload (MultipartHttpServletRequest request) throws
Exception {

    String currContextPath = request.getContextPath();
    ModelAndView mv = new ModelAndView("jsonView");
    String savePath= null; //
    String originalImagename= null; //
    String imageName= null; //
    String extension= null; //

```

```
String realPathtoUploads =
EgovProperties.getProperty("globals.properties");
List<MultipartFile> imageList = request.GetFiles("upload"); //
UploadAdapter _sendRequest()
for (MultipartFile mf : imageList) {
    if (imageList.get(0).getSize() > 0) {
        originalImagename = mf.getOriginalFilename(); //
        extension = FilenameUtils.getExtension(originalImagename); //
        imageName = "img_" + UUID.randomUUID() + "." + extension; //
가
        savePath = realPathtoUploads + "/" + imageName; =>
        File imageUpload = new File(savePath);
        try {
            mf.transferTo(imageUpload); =>
        } catch (IllegalStateException | IOException e) {
            e.printStackTrace();
        }
    }
}
savePath = " src .";
log.debug("savePath=[{}]", savePath);
mv.addObject("url", savePath);
return mv;
}
```

- Jenkins
  - globals.propertie .
- < >
- APPS Portal
- CMD 가
- '/WAS\_APPS/tomcat-instance/apps.repia.com/deploy/' 'globals.properties' 가
- '/WAS\_APPS/tomcat-instance/apps.repia.com/webapps/ROOT/resource/( )'

## Ref

- CKEditor5
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