



adaptTo()

APACHE SLING & FRIENDS TECH MEETUP
2 - 4 SEPTEMBER 2019

Page Share - One Click Preview
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Problem Statement

- In AEM we already have couple of options to preview a page
 - View as Published
 - Preview

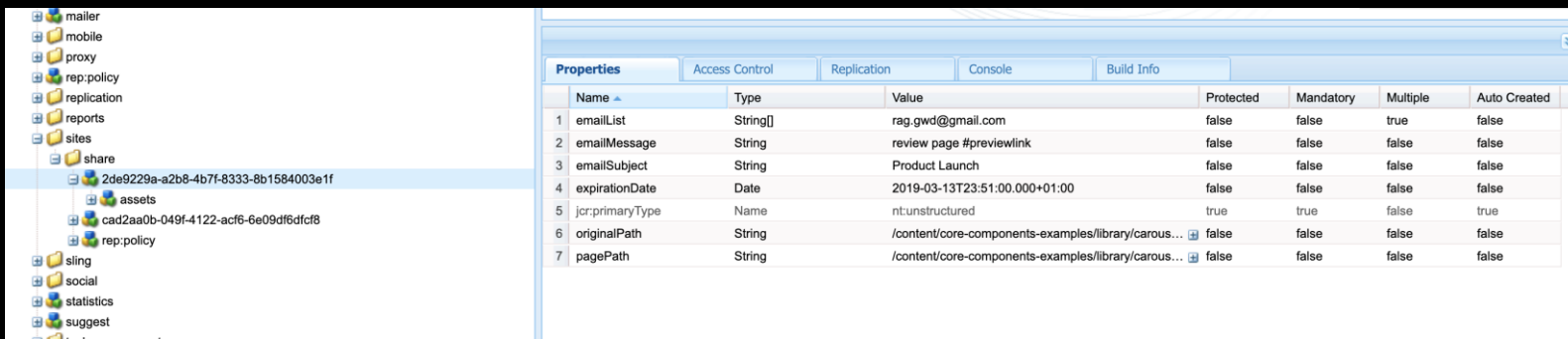
But it requires a valid AEM user account to preview the page

- Not all stakeholders involved in a marketing campaign have access to AEM.
 - They can view the content only when the page is gone live
 - Create a temporary user and ensure it is removed after the campaign.
 - Create a duplicate page and hide from search engine.
 - Share screenshots



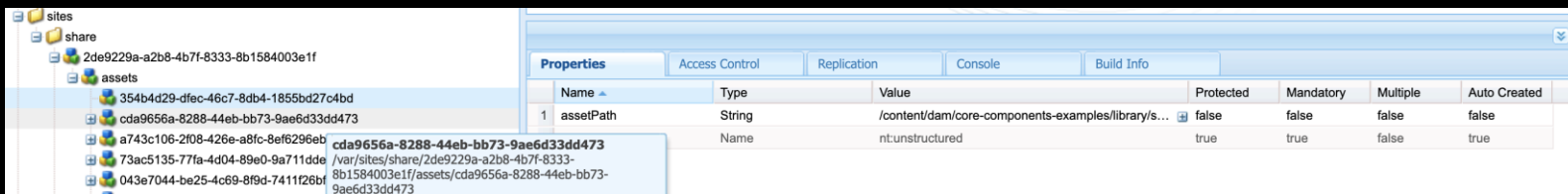
Demo

- Unique ID is created for the page and asset in the page
- Page and Asset details are stored in JCR under /var



The screenshot shows the AEM console interface. On the left, a tree view shows the site structure: `mail`, `mobile`, `proxy`, `rep.policy`, `replication`, `reports`, `sites`, `share`, `2de9229a-a2b8-4b7f-8333-8b1584003e1f`, `assets`, `cad2aa0b-049f-4122-acf6-6e09df6dffc8`, `rep.policy`, `slings`, `social`, `statistics`, `suggest`, and `taskmanagement`. The right pane shows the 'Properties' tab for the selected page. The table below represents the data shown in this tab.

Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1 emailList	String[]	rag.gwd@gmail.com	false	false	true	false
2 emailMessage	String	review page #previewlink	false	false	false	false
3 emailSubject	String	Product Launch	false	false	false	false
4 expirationDate	Date	2019-03-13T23:51:00.000+01:00	false	false	false	false
5 jcr:primaryType	Name	nt:unstructured	true	true	false	true
6 originalPath	String	/content/core-components-examples/library/carous...	false	false	false	false
7 pagePath	String	/content/core-components-examples/library/carous...	false	false	false	false



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Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1 assetPath	String	/content/dam/core-components-examples/library/s...	false	false	false	false
	Name	nt:unstructured	true	true	false	true

- Authentication is disabled for the servlet

```
@Component(service = {Servlet.class}, property = {
    Constants.SERVICE_DESCRIPTION + "=Page Share Servlet",
    "sling.servlet.paths=" + "/bin/viewpage",
    "sling.servlet.methods=" + HttpConstants.METHOD_GET,
    "sling.servlet.extensions="+ "html",
    "sling.auth.requirements="+ "-/bin/viewPage"}}))
```

- Get page using SlingRequestProcessor

```
HttpServletRequest request = this.requestResponseFactory.createRequest("GET", path);
request.setAttribute(WCMMode.REQUEST_ATTRIBUTE_NAME, WCMMode.DISABLED);
if (token != null) {
    request.setAttribute(TOKEN, token);
}
ByteArrayOutputStream out = new ByteArrayOutputStream();
HttpServletResponse response = this.requestResponseFactory.createResponse(out);
this.requestProcessor.processRequest(request, response, resolver);
```

- Custom Transformer

```
<?xml version="1.0" encoding="UTF-8"?>
<jcr:root xmlns:jcr="http://www.jcp.org/jcr/1.0" xmlns:nt="http://www.jcp.org/jcr/nt/1.0"
  jcr:primaryType="nt:unstructured"
  contentTypes="[text/html]"
  enabled="{Boolean}true"
  generatorType="htmlparser"
  order="1000"
  paths="[/content]"
  selectors="[share]"
  serializerType="htmlwriter"
  transformerTypes="[assetLinkTransformer]">
  <generator-htmlparser
    jcr:primaryType="nt:unstructured"
    includeTags="[IMG,DIV]"/>
</jcr:root>
```

Q&A