



adaptTo()

EUROPE'S LEADING AEM DEVELOPER CONFERENCE
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AEM Component Generator

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About the speaker



Brett Birschbach

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VP AEM Engineering @ Bounteous

Co-maintainer of AEM Component Generator

Co-maintainer of ACS AEM Commons

AEM Component Generator

What's in the box?

```
▼ aem-demo.core 4 files ~/Documents/clients/hs2/projects/aem
  ▼ src/main/java/com/bounteous/aem/base/core/models 4 files
    ▼ impl 2 files
      DemoCompImpl.java
      DemoLinkImpl.java
    DemoComp.java
    DemoLink.java
  ▼ aem-demo.ui.apps 12 files ~/Documents/clients/hs2/projects/
    ▼ src/main/content/jcr_root/apps/aem-demo-base/component
      ▼ _cq_design_dialog 1 file
        .content.xml
      ▼ _cq_dialog 1 file
        .content.xml
      ▼ clientlibs 6 files
        ▼ site 5 files
          ▼ css 1 file
            demo-comp.less
          ▼ js 1 file
            demo-comp.js
            .content.xml
            css.txt
            js.txt
            .content.xml
        ▼ dialogglobal 1 file
          .content.xml
        ▼ dialogshared 1 file
          .content.xml
          .content.xml
          demo-comp.html
```

- Sling model and exporter
- cq:dialog
- dialogshared/dialogglobal
- cq:design_dialog
- Stubbed js/css clientlibs
- HTL .html rendering file
- Stubbed junit test files

Efficiency is intelligent laziness.

David Dunham

- Less boilerplate code
- WCM Core best practice component patterns
- Enable AEM devs to learn the “AEM way”
- Front-end component development

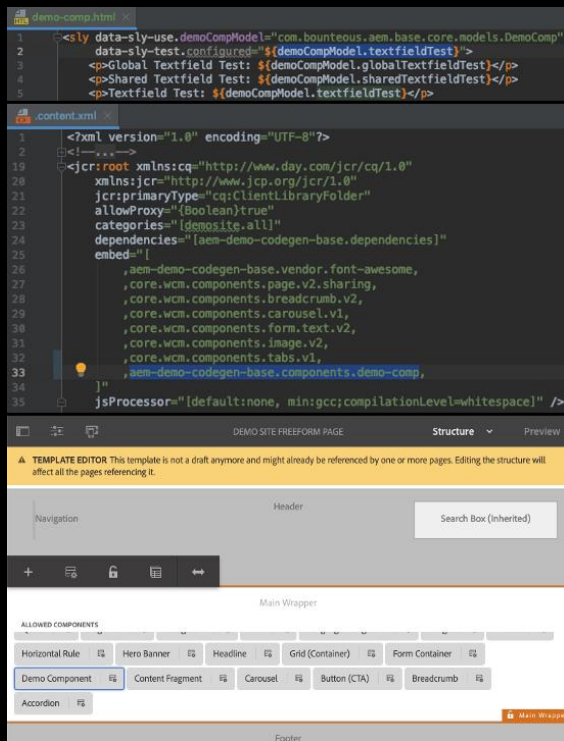


But wait, there's more!

- Obviate inconsistent or missing properties
- Avoid remembering correct XML syntax
- Prevent left behind artifacts after copy/paste

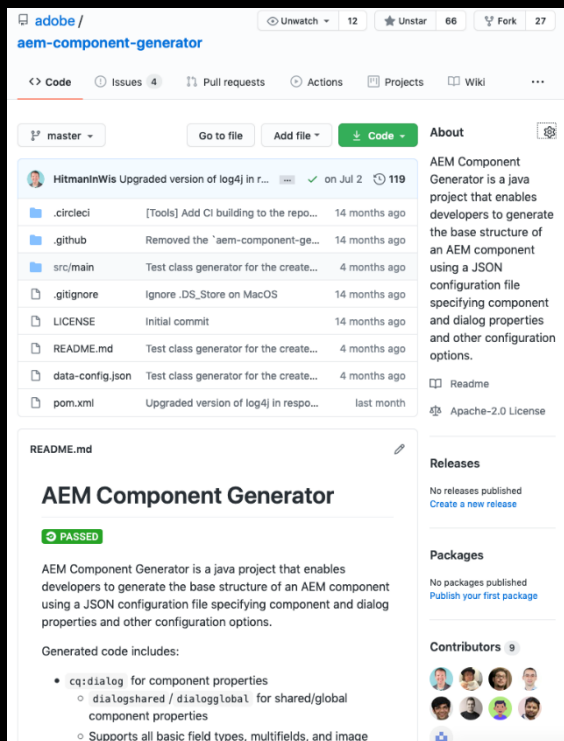


Live Demo



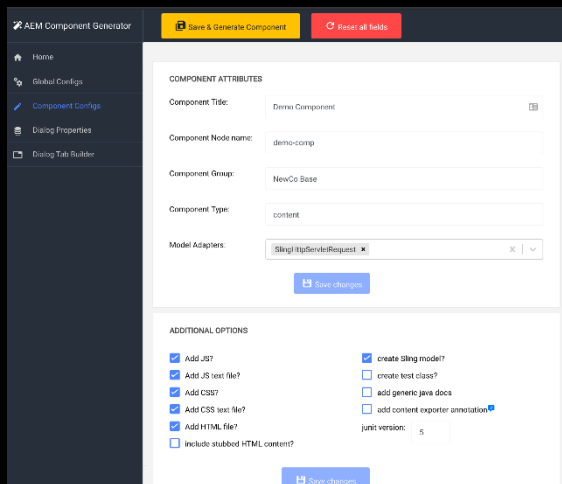
- Update the “configured” check in the HTL file
- Embed the component clientlib in your site clientlib
- Enable your new component on appropriate templates

AEM Component Generator Summary



The screenshot shows the GitHub repository for 'adobe/aem-component-generator'. The repository has 66 stars and 27 forks. The README.md file is open, showing the project's purpose: 'AEM Component Generator is a java project that enables developers to generate the base structure of an AEM component using a JSON configuration file specifying component and dialog properties and other configuration options.' It also lists generated code includes: 'cq:dialog for component properties', 'dialogshared / dialogglobal for shared/global component properties', and 'Supports all basic field types, multifeilds, and image'.

- Developers save time and code components consistently according to best practices
- Generated components are 100% “ready to go,” requiring only your custom HTML/JS/CSS
- <https://github.com/adobe/aem-component-generator/>
- Feature contributions welcome!



- Web UI
- Expanded Dialog Support
 - Deep fields (“./link/path”)
 - Richtext
 - Fieldsets
 - Nested Multifields
 - granite:hide (show/hide functionality)
- Code cleanups
- Maven Plugin?
- Your ideas?

Q & A