

adaptTo()

APACHE SLING & FRIENDS TECH MEETUP
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AEM Easy Content Upgrade
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Content Upgrades

- Change resource types
- Update structure
- Set default settings
- Fix content issues
- ...

Why another tool?

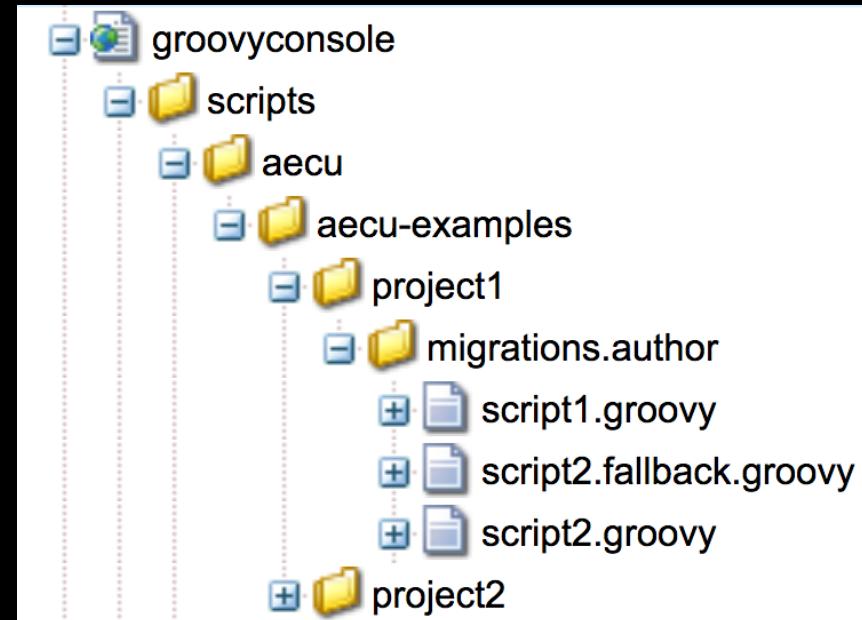
Groovy Console is great but misses:

- Consolidated history
- Automation
- Run modes
- Error handling
- Methods for common tasks



How does it work?

- Base /etc/groovyconsole/scripts/aecu
- Nested folders
- Multiple files per folder
- Run mode in folder name





Install Hook

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Add the hook to your pom.xml:

```
<plugin>
  <groupId>com.day.jcr.vault</groupId>
  <artifactId>content-package-maven-plugin</artifactId>
  <configuration>
    <properties>
      <installhook.aecu.class>
        de.valtech.aecu.core.installhook.AecuInstallHook
      </installhook.aecu.class>
    </properties>
  </configuration>
```

- (Re)run single scripts
- Batch execution

Search

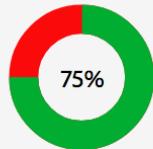
AEM Easy Content Upgrade - Execute

Execute all

Action	Script	History	Status
Execute script	/etc/groovyconsole/scripts/aecu/aecu-examples/project1/migrations.author/script2.groovy	* not executed *	?
Execute script	/etc/groovyconsole/scripts/aecu/aecu-examples/project1/migrations.author/script1.groovy	* not executed *	?
Execute script	/etc/groovyconsole/scripts/aecu/aecu-examples/project2/script2.always.groovy	* not executed *	?
Execute script	/etc/groovyconsole/scripts/aecu/aecu-examples/project2/script1.groovy	* not executed *	?

Consolidated History

Run details



State: Finished

Result: Failed

Duration: 3s

Execution details for 4 scripts

aecu-examples/project1/migrations.author/script1.groovy

aecu-examples/project1/migrations.author/script4.groovy

aecu-examples/project1/migrations.author/script3.groovy

aecu-examples/project1/migrations.author/script2.groovy

Path: </etc/groovyconsole/scripts/aecu/aecu-examples/project1/migrations.author/script2.groovy> ✖

Execution time:

Output

```
org.codehaus.groovy.control.MultipleCompilationErrorsException: startup failed:
```

- Run scripts
- Read history

de.valtech (AECU)

AEM Easy Content Upgrade

Attributes

Attribute Name	Attribute Value
Version	1.0.0.SNAPSHOT

Operations

Return Type	Name
java.lang.String	execute(java.lang.String Path) Executes a single file or all files of a folder structure
java.lang.String	getHistory(int Start index, int Count) Returns the last history entries
java.util.List	getFiles(java.lang.String Path) Returns a list of files that can be executed in the given path



Health Checks

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AECU Health Checks

Check Type	Status
AECU Last Run	CRITICAL
AECU Self Check	OK

Groovy Console Extension



Collect

Filter

Execute

- Multiple collections
- Path, children, all subnodes
- By property
- Custom filter
- And, Or, Not
- Update properties
- Delete nodes
- Dry run



Groovy Console Extension

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```
println aecu  
.contentUpgradeBuilder()  
.forChildResourcesOf("/content/we-retail/ca/en/men")  
.filterByNodeName("mycomponent")  
.doSetProperty("newProperty", "value")  
.run()
```



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Live Demo

Links



<https://github.com/valtech/aem-easy-content-upgrade>



<https://repo1.maven.org/maven2/de/valtech/aecu/>

Thank You

<https://github.com/valtech/aem-easy-content-upgrade>