

Maven archetype support

Business Central

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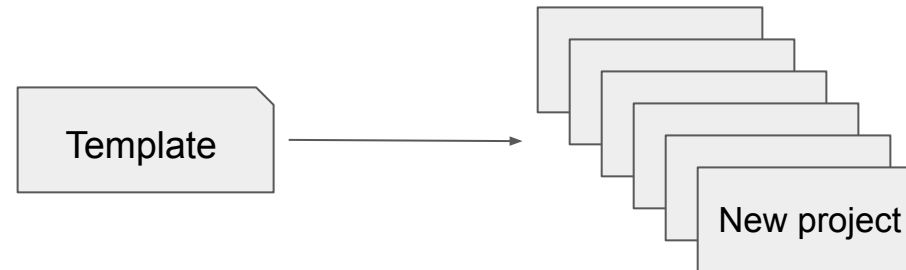
Software Engineer

Business Automation Foundation

Introduction

Maven archetypes

*“An archetype is a very simple artifact,
that contains the project prototype you wish to create.”*



Create a Maven archetype

1. Create a new project and `pom.xml` for the archetype artifact
2. Create the archetype descriptor
3. Create the prototype files and the prototype `pom.xml`
4. Install the archetype and run the archetype plugin

Create a new project based on a Maven archetype

```
$ mvn archetype:generate
```

```
-DarchetypeGroupId=<archetype-groupId>
```

```
-DarchetypeArtifactId=<archetype-artifactId>
```

```
-DarchetypeVersion=<archetype-version>
```

```
-DgroupId=<project-groupId>
```

```
-DartifactId=<project-artifactId>
```

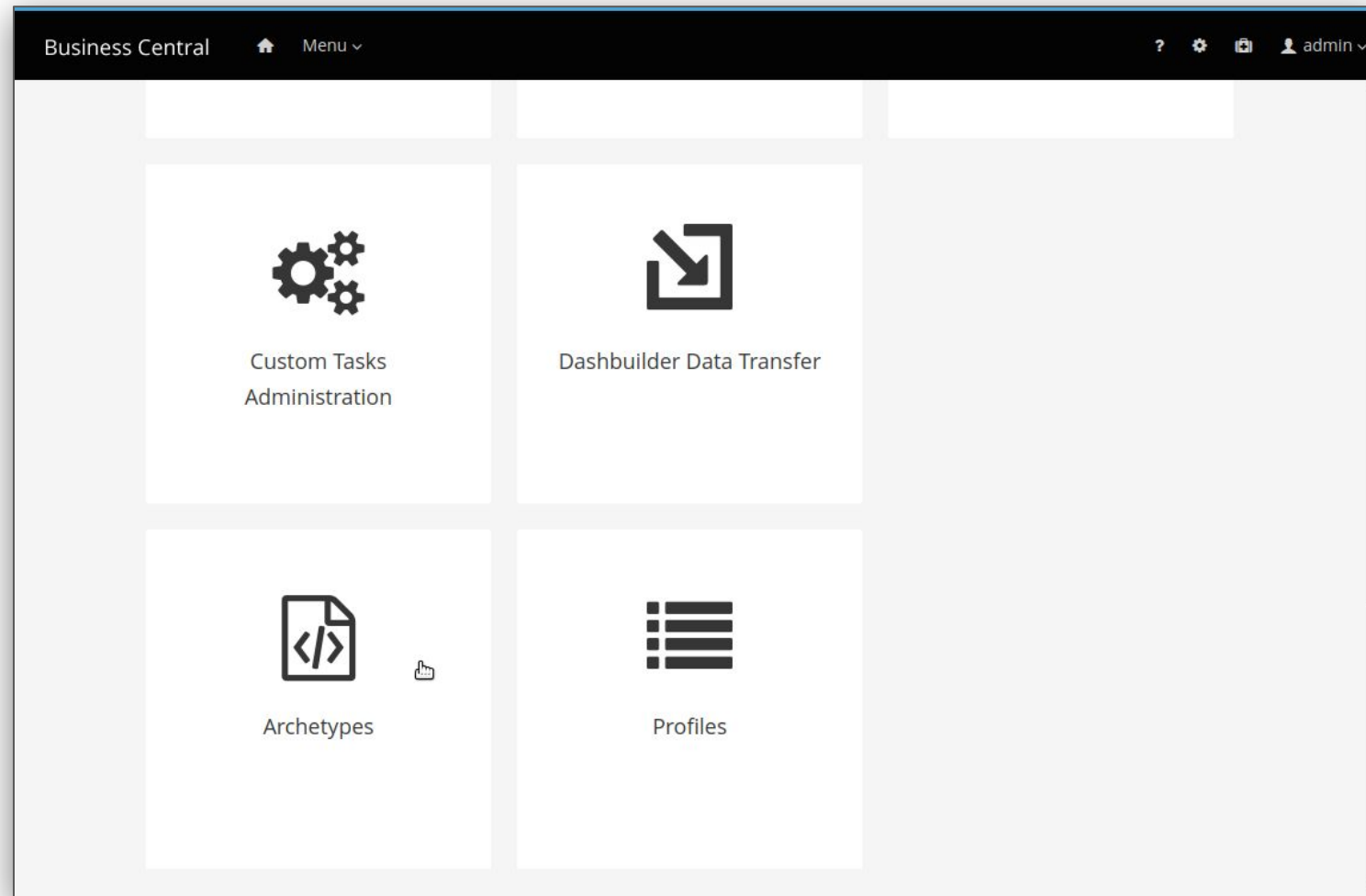
```
-Dversion=<project-version>
```

} Archetype properties

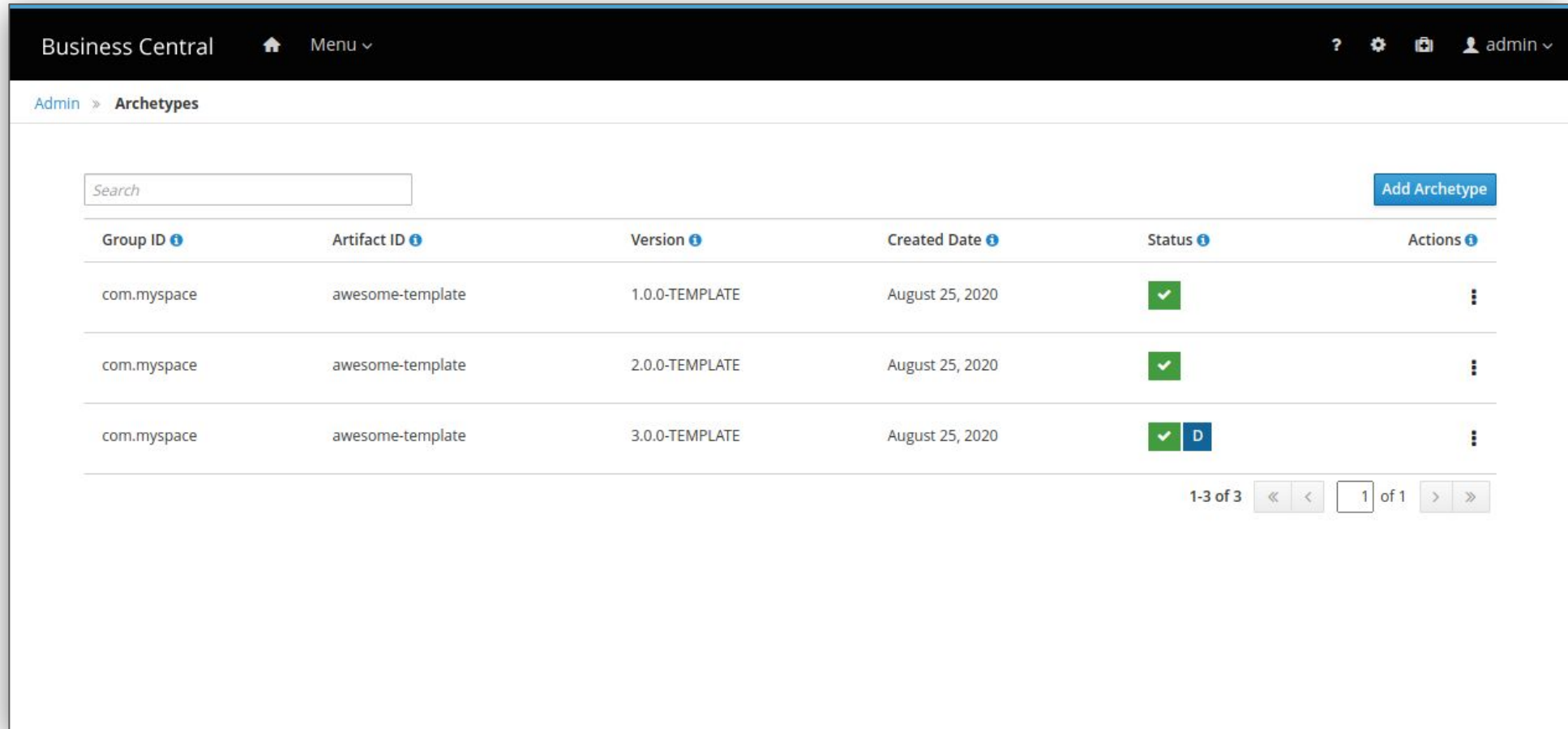
} New project properties

Maven archetype support in Business central

Global settings



Manage **global** archetypes



Business Central

Admin » Archetypes

Search

Add Archetype

Group ID ⓘ	Artifact ID ⓘ	Version ⓘ	Created Date ⓘ	Status ⓘ	Actions ⓘ
com.myspace	awesome-template	1.0.0-TEMPLATE	August 25, 2020	✓	⋮
com.myspace	awesome-template	2.0.0-TEMPLATE	August 25, 2020	✓	⋮
com.myspace	awesome-template	3.0.0-TEMPLATE	August 25, 2020	✓ D	⋮

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Manage **space** archetypes

Business Central

Spaces » MySpace

MySpace Delete Space

Projects 1 Contributors 1 Metrics Settings

Archetypes

Save Reset

Archetypes

Select all archetypes that will be available as templates for new projects, as well as a default one. This configuration is only applicable to this space.

Include ⓘ	Group ID ⓘ	Artifact ID ⓘ	Version ⓘ	Created Date ⓘ	Status ⓘ	Actions ⓘ
<input checked="" type="checkbox"/>	com.myspace	awesome-template	1.0.0-TEMPLATE	August 25, 2020	✓	⋮
<input checked="" type="checkbox"/>	com.myspace	awesome-template	2.0.0-TEMPLATE	August 25, 2020	✓ D	⋮
<input type="checkbox"/>	com.myspace	awesome-template	3.0.0-TEMPLATE	August 25, 2020	✓	⋮

2 of 3 selected

1-3 of 3 « < 1 of 1 > »

Create a new project

The screenshot shows the 'Add Project' dialog box in the Business Central application. The dialog is overlaid on the 'MySpace' page. The background page shows the 'Spaces' menu, 'MySpace' title, and tabs for 'Projects' (0), 'Contributors' (1), and 'Metrics'. A 'Delete Space' button is visible in the top right of the background page. The 'Add Project' dialog has the following fields and options:

- Name ***: MyNewProject
- Description ***: My new project
- Restore Advanced Options**: A link to restore advanced options.
- Group ID ***: com.myspace
- Artifact ID ***: MyNewProject
- Version ***: 1.0.0-SNAPSHOT
- Based on template**: A checked checkbox.
- Template dropdown**: com-myspace-awesome-template-2-0-0-TEMPLATE
- Buttons**: Cancel and Add

Demo

Resources

Example code: <https://github.com/caponetto/awesome-template>

Thank you

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