Freemarker Document Rendering Library

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This module (`incode-module-docrendering-freemarker`) provides an implementation of the Document subdomain module's `Renderer` interface using the freemarker library module.

API

The module provides the `RendererForFreemarker` class which implements `RendererFromCharsToChars`. This can be used to render a document name, or to perform a "mail merge" for a text document, such as an HTML email.

The class is intended to be used as the `Renderer` implementation for a Document `RenderingStrategy`. The `RenderingStrategyFSForFreemarker` fixture script can be used to create such an entity, eg:

```java
public class RenderingStrategyFSForFreemarker extends RenderingStrategyFSAbstract {

    public static final String REF = "FMK";

    @Override
    protected void execute(ExecutionContext executionContext) {
        upsertRenderingStrategy(
                REF,
                "RendererForFreemarker Rendering Strategy",
                DocumentNature.CHARACTERS, DocumentNature.CHARACTERS,
                RendererForFreemarker.class, executionContext);
    }
}
```

The document subdomain module also allows `RenderingStrategy`s to be created from the UI; it will "discover" all `Renderer` implementations from the classpath.

How to configure/use

Classpath

Update your classpath by adding this dependency in your dom project's `pom.xml`:

```
<dependency>
    <groupId>org.incode.example.docrendering</groupId>
    <artifactId>incode-example-docrendering-freemarker-dom</artifactId>
    <version>1.16.1</version>
</dependency>
```

Check for later releases by searching Maven Central Repo.

For instructions on how to use the latest `-SNAPSHOT`, see the contributors guide.

Bootstrapping

In the `AppManifest`, update its `getModules()` method:

```
@Override
public List<Class<?>> getModules() {
    return Arrays.asList(
            ...
            org.incode.example.docrendering.freemarker.dom
.FreemarkerDocRenderingModule.class,
    );
}
```

Known issues

None known at this time.

Dependencies

Maven can report modules dependencies using:

```
mvn dependency:list -o -pl modules/dom/docrendering-freemarker/impl -D
excludeTransitive=true
```

which, excluding Apache Isis itself, returns no direct compile/runtime dependencies:

From the Incode Platform it uses:

- base library module
- freemarker library module
- document example subdomain module