

Zip Library

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This module (`incode-module-zip-dom`) allows a zip to be created from a collection of files.

# API & Implementation

The `ZipService` defines the following API:

```
public class ZipService {  
  
    @lombok.Data ①  
    public static class FileAndName {  
        private final String name;  
        private final File file;  
    }  
  
    public byte[] zip(final List<FileAndName> fileAndNameList) { ... } ②  
    public byte[] zipFiles(final List<File> fileList) { ... } ③  
}
```

- ① immutable value type
- ② Returns a byte array which is a zip of the collection of files. Rather than use the name of the file (which might be temporary files, for example), the name of each file to use (in its zip "entry") is provided.
- ③ Similar to `zip(...)`, but uses each file's name as the zip entry (rather than providing it explicitly).

These actions are all programmatic and do not appear in the UI.

# How to configure/use

## Classpath

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

```
<dependency>
  <groupId>org.incode.module.zip</groupId>
  <artifactId>incode-module-zip-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 `getDependencies()` method, eg:

```
@Override
public Set<Module> getDependencies() {
    return Sets.newHashSet(
        ...
        new org.incode.module.zip.ZipModule(),
        ...
    );
}
```

# Known issues

None known at this time.

# Dependencies

Maven can report modules dependencies using:

```
mvn dependency:list -o -pl modules/lib/zip/impl -D excludeTransitive=true
```

This shows no additional compile/runtime dependencies (other than Apache Isis itself).