

Tapestry5HowToReadAFileFromContext

One of your services needs a content of a file located at your web application's context folder. More specifically, the file we want to read is in the config folder under the context directory.

[AppModule.java](#)

```
public static TownNames buildTownNames(Context context, final Logger log) {  
    return new TownNamesImpl(context, log);  
}
```

[TownNames.java](#) is a very simple interface:

```
public interface TownNames {  
    List<String> getAll();  
}
```

And the implementation ([TownNamesImpl.java](#)) which demonstrates reading a file named towns.txt from the config folder under the web app context folder:

```
public class TownNamesImpl implements TownNames {  
  
    private List<String> townNames = new ArrayList<String>();  
  
    public TownNamesImpl(Context context, Logger log) {  
        String town = null;  
        Resource configFile = new ContextResource(context, "config/towns.txt");  
        try {  
            InputStream is = configFile.openStream();  
            BufferedReader br = new BufferedReader(new InputStreamReader(is, "utf8"));  
  
            while ((town = br.readLine()) != null) {  
                townNames.add(town);  
            }  
  
        } catch (IOException e) {  
            e.printStackTrace();  
        }  
    }  
  
    public List<String> getAll() {  
        Collections.sort(townNames);  
        return Collections.unmodifiableList(townNames);  
    }  
}
```