

## WAR deployment

In this case, **ExtSample** (Dist/workspaces/examples/devon4sencha/) project will be used as a client-side and **samples** (Dist/workspaces/examples/oasp4j/) project will be used as a server-side.

1. Prepare both projects following the Devonfw Guide on its section **3.19** (how to “package client and server” all together)
2. After running the command **mvn package -Pjsclient** (inside of samples/ ), some deployable files will be generated in the server project.

Inside of samples/core/target:

```
Directory of C:\Devon-dist_2.1.1\workspaces\examples\oasp4j\samples\core\target
07/02/2017 13:55 <DIR>      .
07/02/2017 13:55 <DIR>      ..
07/02/2017 13:55 <DIR>      classes
07/02/2017 13:55 <DIR>      generated-sources
07/02/2017 13:55 <DIR>      generated-test-sources
07/02/2017 13:55 <DIR>      maven-archiver
07/02/2017 13:55 <DIR>      maven-status
07/02/2017 13:55          366.903 oasp4j-sample-core-dev-SNAPSHOT-sources.jar
07/02/2017 13:55          410.965 oasp4j-sample-core-dev-SNAPSHOT.jar
07/02/2017 13:55 <DIR>      surefire-reports
07/02/2017 13:55 <DIR>      test-classes
                2 File(s)          777.868 bytes
                9 Dir(s) 12.140.367.872 bytes free
```

Inside of samples/server/target:

```
Directory of C:\Devon-dist_2.1.1\workspaces\examples\oasp4j\samples\server\target
07/02/2017 13:56 <DIR>      .
07/02/2017 13:56 <DIR>      ..
07/02/2017 13:56 <DIR>      classes
07/02/2017 13:56 <DIR>      maven-archiver
07/02/2017 13:56          66.918.813 oasp4j-sample-server-bootified.war
07/02/2017 13:56 <DIR>      oasp4j-sample-server-dev-SNAPSHOT
07/02/2017 13:56          860 oasp4j-sample-server-dev-SNAPSHOT-sources.jar
07/02/2017 13:56          56.502.856 oasp4j-sample-server.war
07/02/2017 13:56 <DIR>      war
                3 File(s)          123.422.529 bytes
                6 Dir(s) 12.140.294.144 bytes free
```

## Failing Cases

3. Trying to deploy (using java command line) some of those files the same error appeared:

```
C:\Devon-dist_2.1.1\workspaces\examples\oasp4j\samples\server\target>java -jar oasp4j-sample-server.war
no main manifest attribute, in oasp4j-sample-server.war

C:\Devon-dist_2.1.1\workspaces\examples\oasp4j\samples\server\target>java -jar oasp4j-sample-server-dev-SNAPSHOT-sources.jar
no main manifest attribute, in oasp4j-sample-server-dev-SNAPSHOT-sources.jar
```

```
C:\Devon-dist_2.1.1\workspaces\examples\oasp4j\samples\core\target>java -jar oasp4j-sample-core-dev-SNAPSHOT-sources.jar
no main manifest attribute, in oasp4j-sample-core-dev-SNAPSHOT-sources.jar

C:\Devon-dist_2.1.1\workspaces\examples\oasp4j\samples\core\target>java -jar oasp4j-sample-core-dev-SNAPSHOT.jar
no main manifest attribute, in oasp4j-sample-core-dev-SNAPSHOT.jar
```

With one exception (**oasp4j-sample-server-bootified.war**)

```
C:\Devon-dist_2.1.1\workspaces\examples\oasp4j\samples\server\target>java -jar oasp4j-sample-server-bootified.war

Spring
:: Spring Boot :: (v1.3.8.RELEASE)

[D: 2017-02-09 10:36:56,286] [P: INFO ] [C: ] [T: main] [L: io.oasp.gastronomy.restaurant.SpringBootApplication] - [M: Starting SpringBootApplication vdev-SNAPSHOT on LES003272 with PID 2924 (started by cbeldape in c:\Devon-dist_2.1.1\workspaces\examples\oasp4j\samples\server\target)]
[D: 2017-02-09 10:36:56,291] [P: DEBUG] [C: ] [T: main] [L: io.oasp.gastronomy.restaurant.SpringBootApplication] - [M: Running with Spring Boot v1.3.8.RELEASE, Spring v4.2.8.RELEASE]
[D: 2017-02-09 10:36:56,293] [P: INFO ] [C: ] [T: main] [L: io.oasp.gastronomy.restaurant.SpringBootApplication] - [M: No active profile set, falling back to default profiles: default]
[D: 2017-02-09 10:36:56,400] [P: INFO ] [C: ] [T: main] [L: org.springframework.boot.context.embedded.AnnotationConfigEmbeddedWebApplicationContext] - [M: Refreshing org.springframework.boot.context.embedded.AnnotationConfigEmbeddedWebApplicationContext@108c4b35: startup date [Thu Feb 09 10:36:56 CET 2017]; root of context hierarchy]
[D: 2017-02-09 10:36:56,922] [P: DEBUG] [C: ] [T: background-preinit] [L: org.jboss.logging] - [M: Logging Provider: org.jboss.logging.Slf4jLoggerProvider found via system property]
[D: 2017-02-09 10:36:56,928] [P: INFO ] [C: ] [T: background-preinit] [L: org.hibernate.validator.internal.util.Version] - [M: HV00001: Hibernate Validator 5.2.4.Final]
```

It does run on the command prompt, but even so it's not being correctly executed:

The screenshot shows a web browser window with the address bar displaying `localhost:8080/oasp4j-sample-server/jsclient/`. The browser's developer tools are open, showing the Network tab with a request to `http://localhost:8080/oasp4j-sample-server/jsclient/` that returned a `200 OK` status. The response headers indicate a `Content-Type: text/html; charset=UTF-8`. The Console tab shows several error messages:

- `Application Cache Error event: Manifest fetch failed (4) http://localhost:8080/oasp4j-sample-server/jsclient/cache.appcache`
- `Refused to execute script from 'http://localhost:8080/oasp4j-sample-server/jsclient/app/Config.js?dc=20170209124652' because its MIME type ('text/html') is not executable, and strict MIME type checking is enabled.`
- `Refused to execute script from 'http://localhost:8080/oasp4j-sample-server/jsclient/classic/app.js?dc=20170209124652' because its MIME type ('text/html') is not executable, and strict MIME type checking is enabled.`
- `Uncaught SyntaxError: Unexpected token < in JSON at position 0`