

Q22 - Web Fragments Scanning [2]

What will be the order in which the container will scan and combine web fragments to form the effective Deployment Descriptor (attributes for `<web-app>` and `<web-fragment>` intentionally omitted; assume the default values):

web.xml

```
<web-app>
  <absolute-ordering>
    <name>Fragment 2</name>
  </absolute-ordering>
</web-app>
```

web-fragment.xml

```
<web-fragment>
  <name>Fragment 1</name>
</web-fragment>
```

web-fragment.xml

```
<web-fragment>
  <name>Fragment 2</name>
</web-fragment>
```

- a. web.xml, Fragment 1, Fragment 2
- b. web.xml, Fragment 2, Fragment 1
- c. Fragment 1, Fragment 2, web.xml
- d. Fragment 2, Fragment 1, web.xml
- e. web.xml
- f. web.xml, Fragment 1
- g. web.xml, Fragment 2
- h. At least one of the above Deployment Descriptors is invalid

Hide answer

g

Reference: page 67, 8.2.2 "Ordering of web.xml and web-fragment.xml"

Explanation: If the `<absolute-ordering>` element is present in the web.xml, it takes under consideration only the fragments which are specified by the `<name>...</name>` element. If the fragment name is not present within the `<name>...</name>` element **and** the `<others />` element is not present, the fragment will not be added to the result DD.

The `<others />` element defines that every web fragments which are not defined explicitly within the `<absolute-ordering>` element, will be automatically added by the container to the result DD.