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# Q25 - Web Fragments Scanning [5]

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

**web-fragment.xml**

```
<web-fragment metadata-complete="true">
    <name>Fragment 1</name>
    <ordering>
        <after>Fragment 2</after>
    </ordering>
</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.  At least one of the above Deployment Descriptors is invalid and will thrown a runtime exception

Hide answer

**a**

**Reference:** page 66, 8.2.2 "Ordering of web.xml and web-fragment.xml"

**Explanation**: If the `metadata-complete` attribute is present in the `web-fragment.xml` and it is set to **true**, it informs the container that the particular **web fragment** is complete and no annotations **related with this web fragment** should be scanned.

Note that the `metadata-complete` within the `web-fragment.xml` has a **different behaviour** than the same attribute within the web.xml file!

The default value for `metadata-complete` is **false**, which means that the annotations for the particular **web fragment** will be scanned.

Check the exemplary code provided for this question in the bundle at the end of this test.