

Q26 - Metadata-complete in Web Fragments and Web.xml

Choose statements that are true about the `metadata-complete` attribute of `<web-app>` element in `web.xml` :

- a. This attribute is of a boolean type which takes true/false values only
- b. This attribute can define if the container should scan for `web-fragments.xml` to create final Deployment Descriptor
- c. This attribute can define if the container should scan and process the new Servlets 3.0 annotations like `@WebFilter` , `@WebServlet` , etc.
- d. This attribute is purely informational and does not affect how container processes the final Deployment Descriptor
- e. There is no attribute metadata-complete, but `<metadata-complete>` element within the `<web-app>`

Hide answer

a, b, c

Reference: page 61, 8.1 "Annotations and pluggability"

Explanation: The metadata-complete is a `<web-app>` and `<web-fragment>` elements attribute which can be used to determine if the data presented in the `web.xml` is complete ("true") or incomplete ("false").

If the data presented by the `web.xml` is incomplete, the container will scan for additional `web-fragment.xml` files and for annotated classes to form the effective, final, Deployment Descriptor. If the value is set to "true" the container will ignore any `web-fragment.xml` files **as well as** any used annotations.

By default, this attribute takes value **false**.