

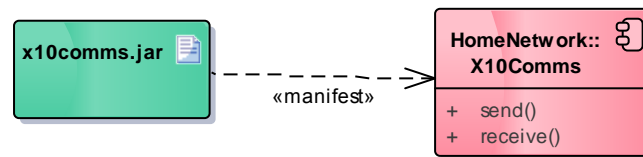
Learning UML

O'Reilly

Exercises – Software in Deployment Diagrams

In the *Deployment View* add a new package without a diagram called *Common*.

Move the diagram *HAManifest* to this new package. The diagram should look like this.

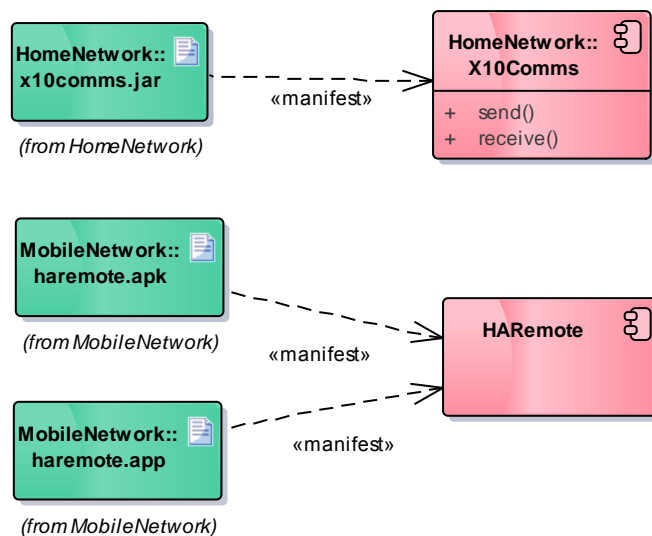


In the diagram add a component called *HARemote*.

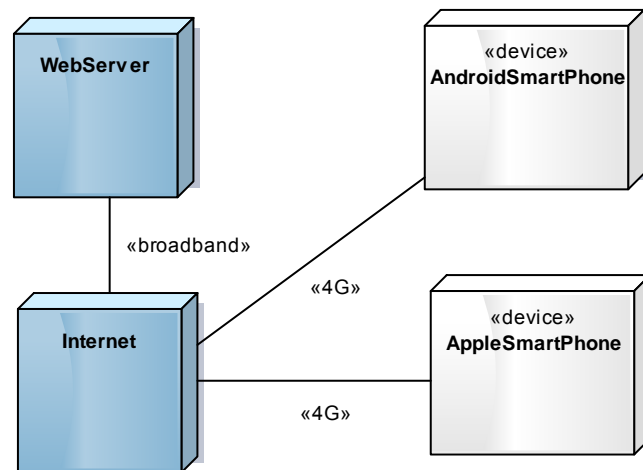
In the *MobileNetwork* package, add two artifacts called *haremote.apk* and *haremote.app*.

Create manifest relationships between the two artifacts and the component.

Your diagram should look like this.



You should have a diagram called *MobileNetwork* that looks something like this.



Resize the node *WebServer* and the two devices and add execution environments as follows.

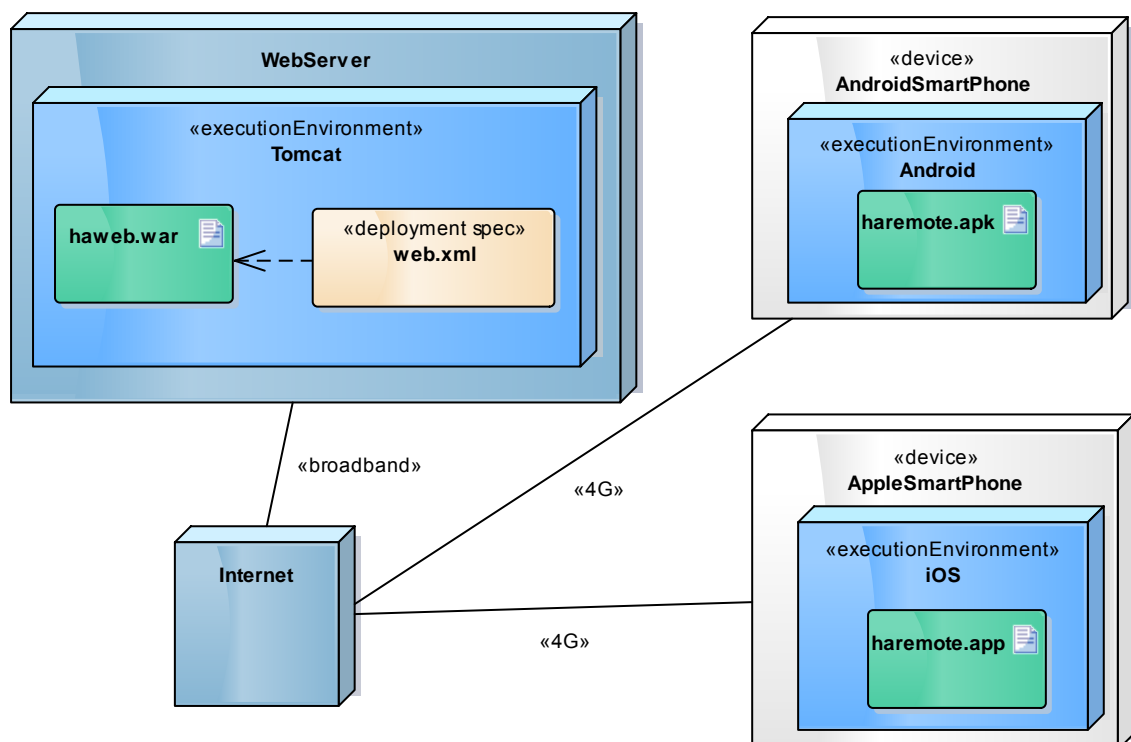
- In *WebServer* add *Tomcat*.
- In *AndroidSmartPhone* add *Android*.
- In *AppleSmartPhone* add *iOS*.

Add the artifact *haremove.apk* to the *Android* execution environment and *haremove.app* to the *iOS* execution environment as links.

Create an artifact called *hawebe.war* and add it to the *Tomcat* execution environment.

Create a deployment specification called *web.xml* and add it into the *Tomcat* execution environment with a dependency on *hawebe.war*.

Your diagram should something look like this.



Create a new deployment diagram in the *MobileNetwork* package called *Project123*.

Create a version of the diagram above showing instances of the nodes *WebServer* and *Internet* and the device *AndroidSmartPhone*, containing instances of the elements they contain in the *MobileNetwork* diagram. Call the instance of *WebServer* *webmgt*.

Your resulting diagram should look something like this.

