

Architecture des Systèmes d'Information

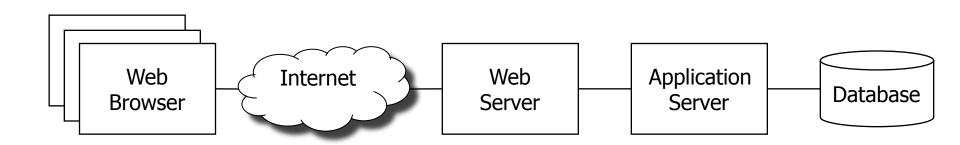
Enterprise JAVA Beans (EJB)





WEB context

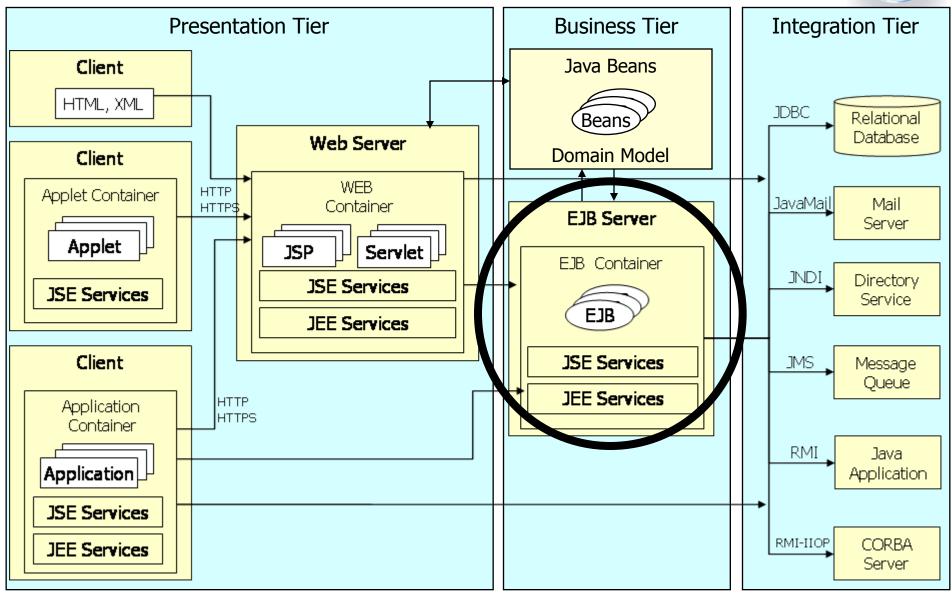






JEE JSE and EJB

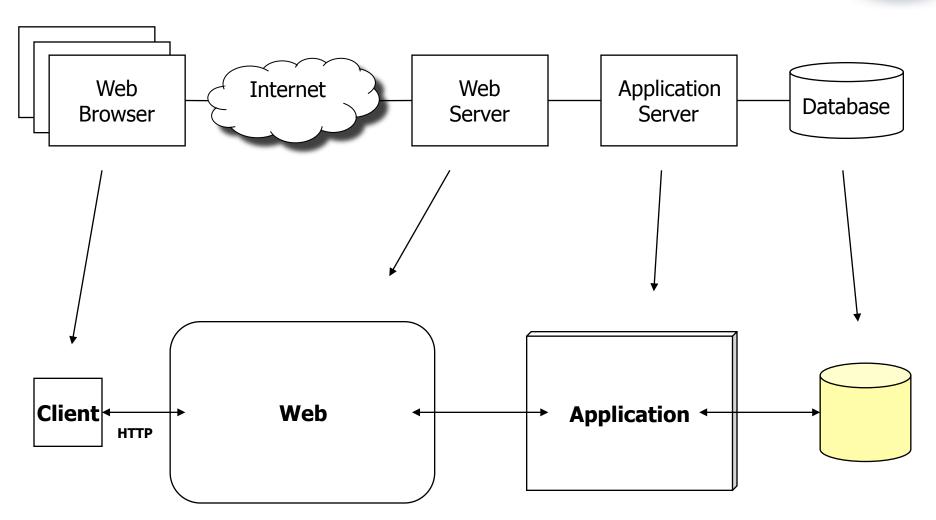




Emmanuel fuchs Architecture des Systèmes d'Information

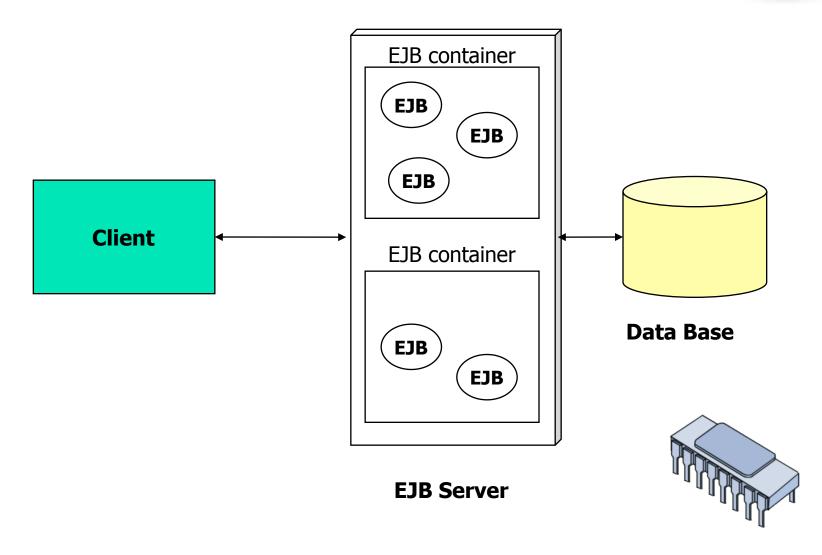
Web Server





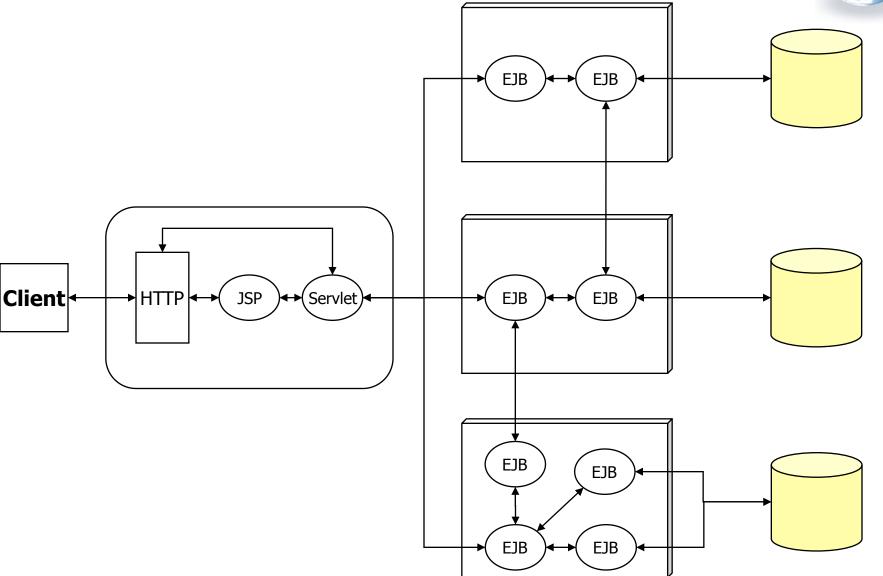
EJB server, EJB container





Distributed Application Server

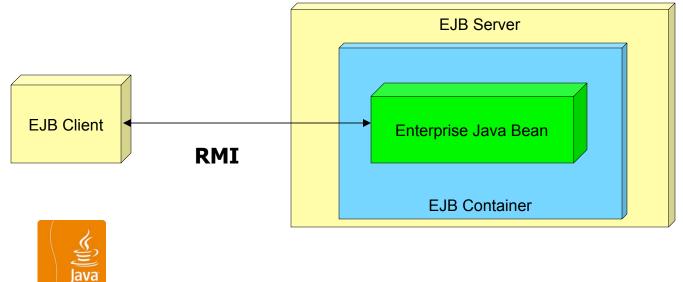




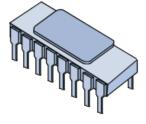
Distributed Application Server EJB **Client** HTTP JSP (Servlet) WildFly **EJB** EJB EJB

Enterprise JAVA Beans (EJB)





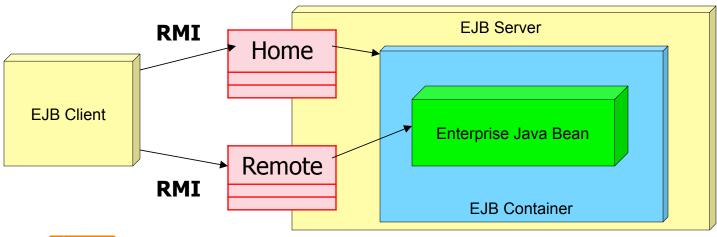




EJB IDL: Java Interface

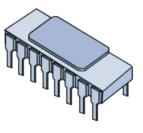








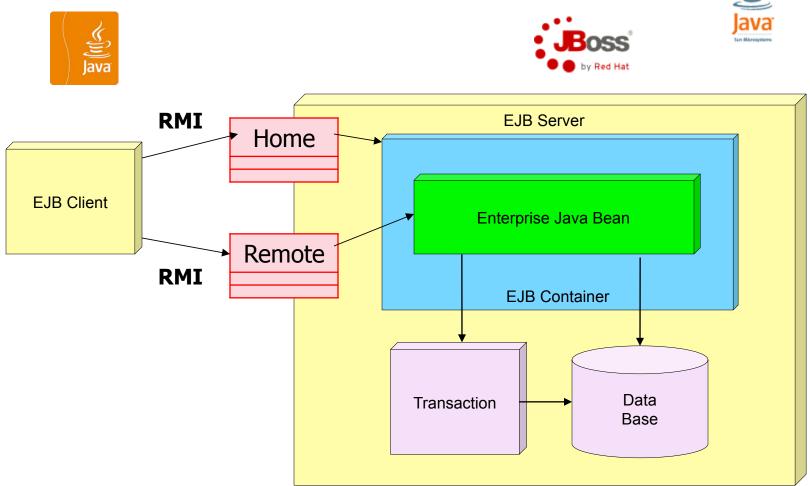




EJB container







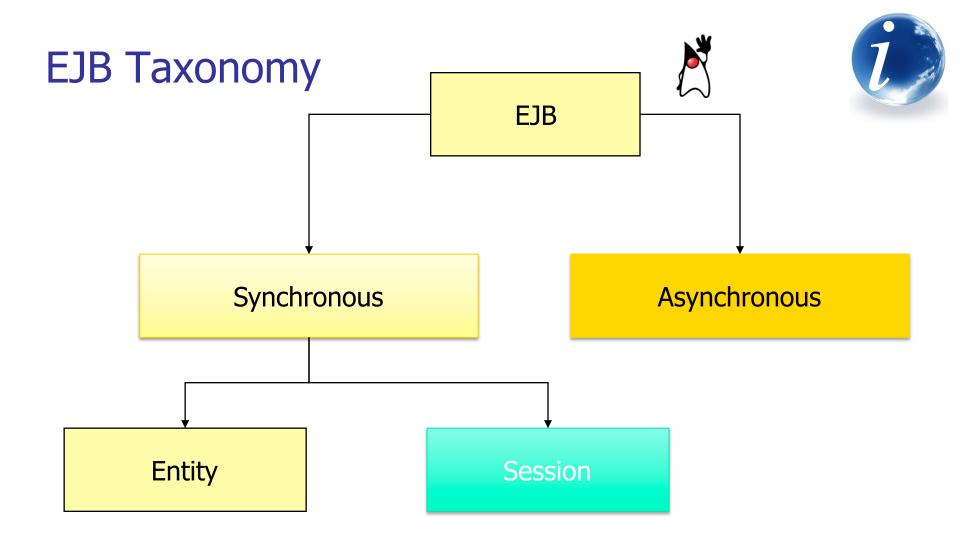
Persistance

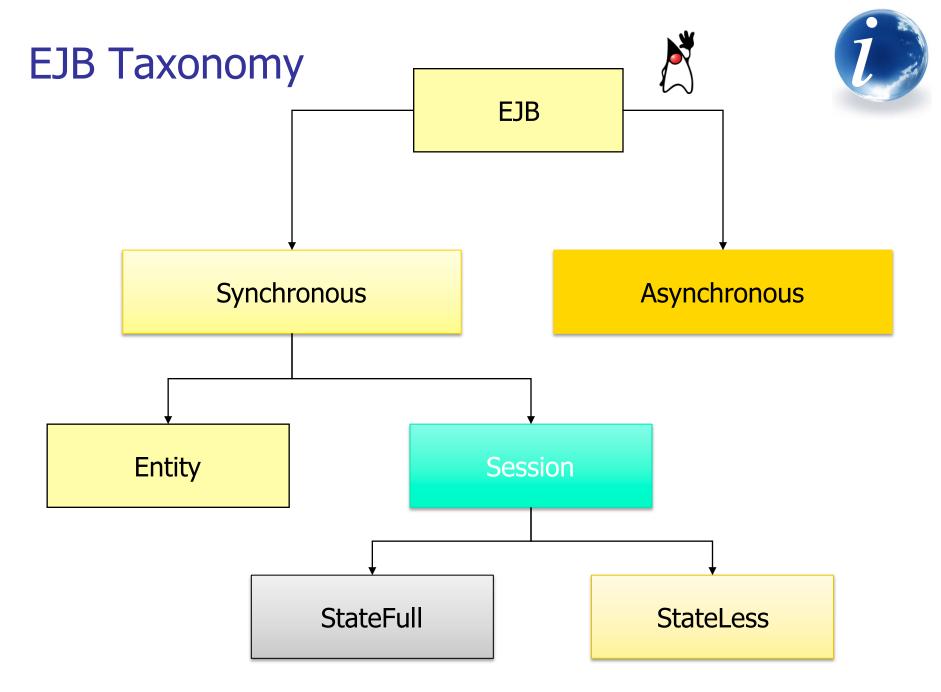
EJB communication protocol



- RMI = RPC (Remote Procedure Call)
- Remote Method Invocation =>

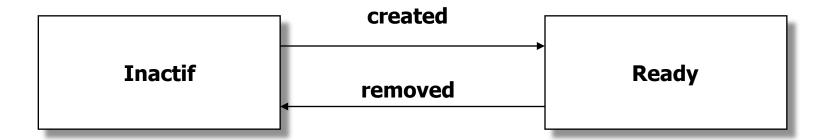
Remote JVM.





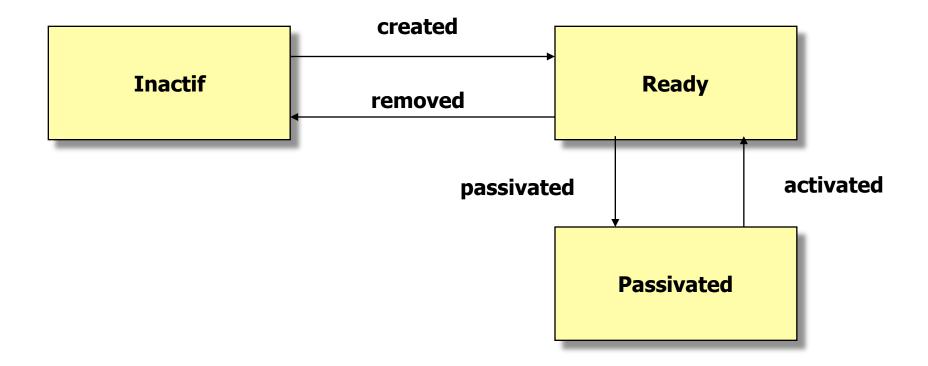
States of a stateless session bean





States of a statefull session bean

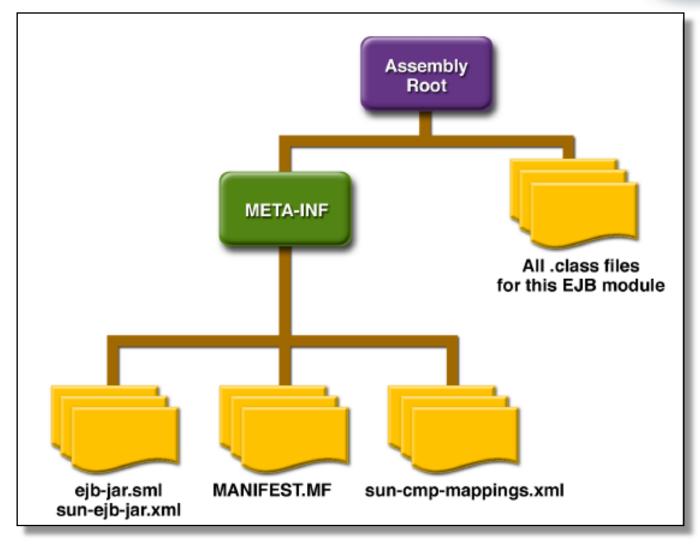




Structure of an Enterprise Bean JAR

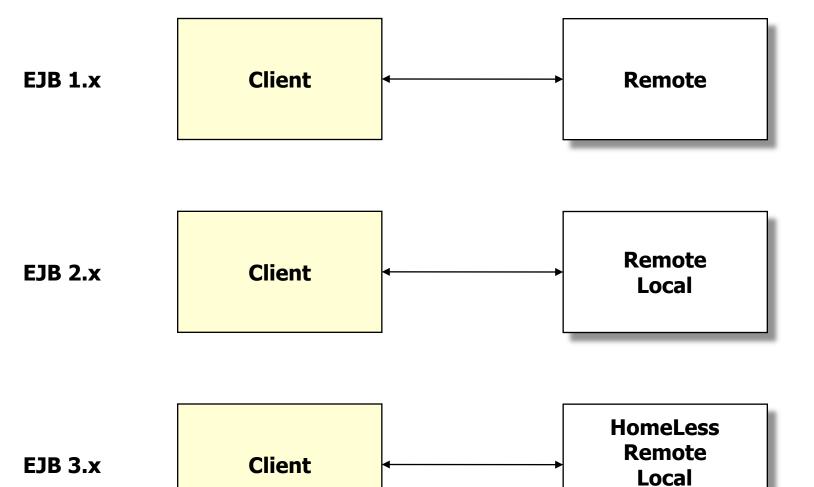






EJB versions



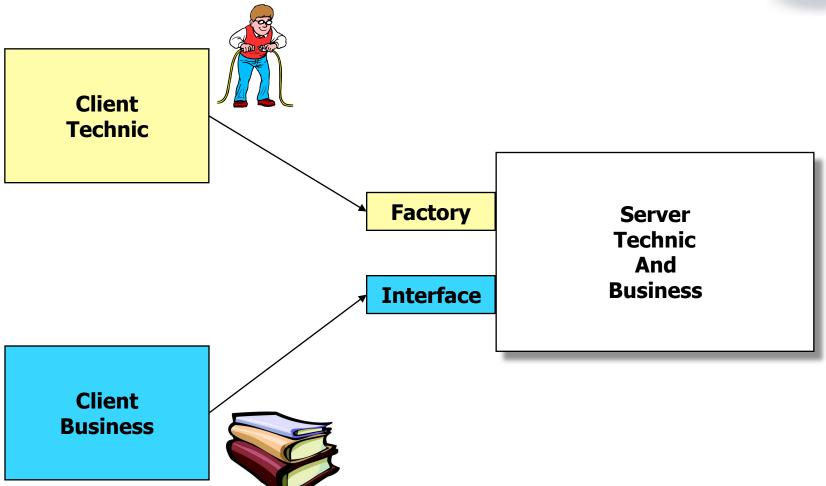




Annotation

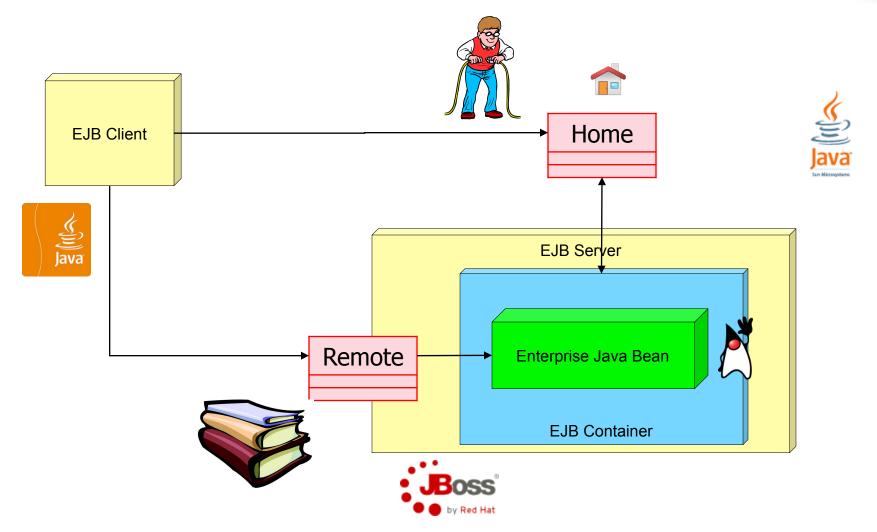
Separation of concerns





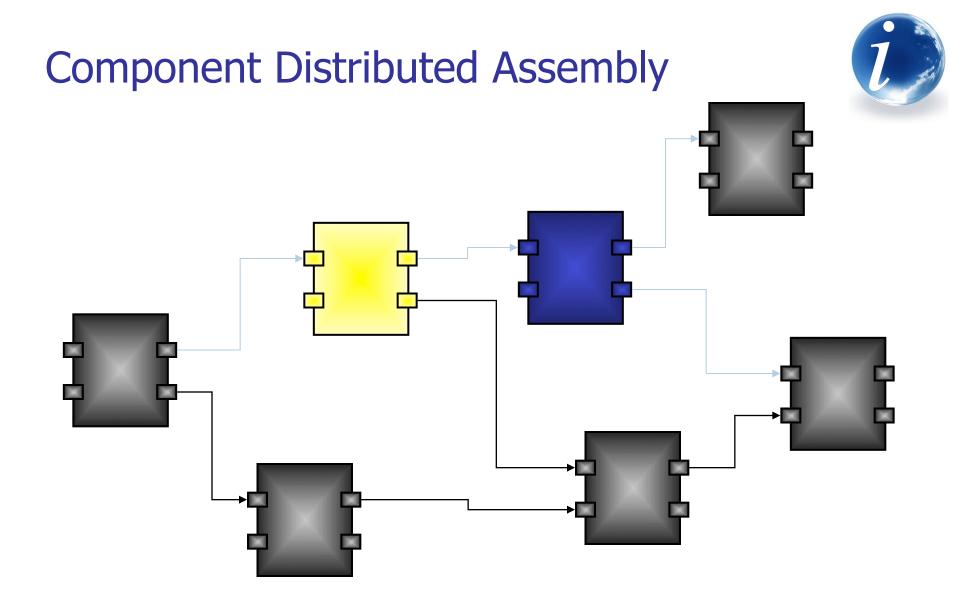
EJB IDL: Java Interface

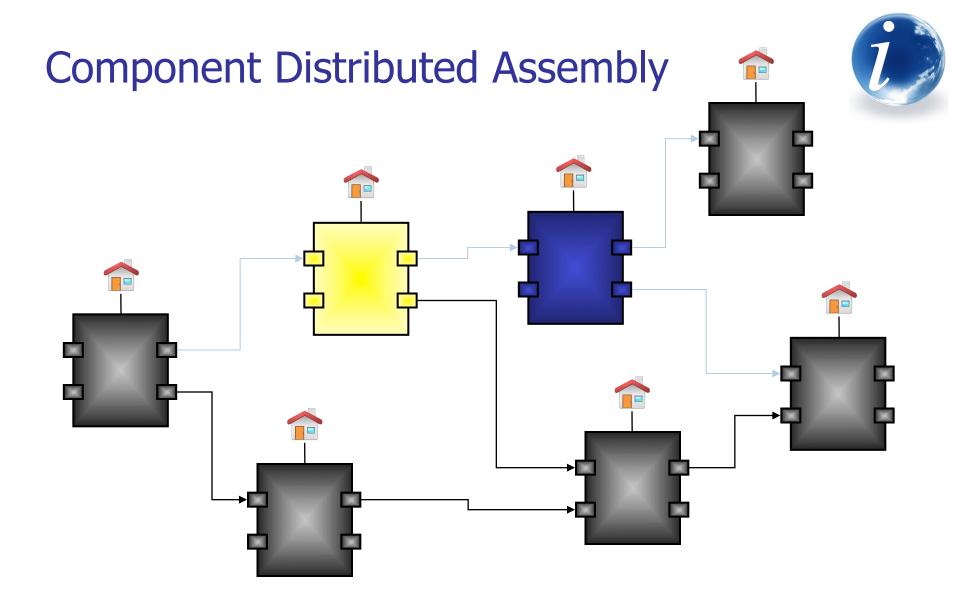




EJB IDL: Java Interface Home **EJB Client** EJB Server Enterprise Java Bean Remote Enterprise Java Bean Enterprise Java Bean Enterprise Java Bean Enterprise Java Bean **EJB Container**

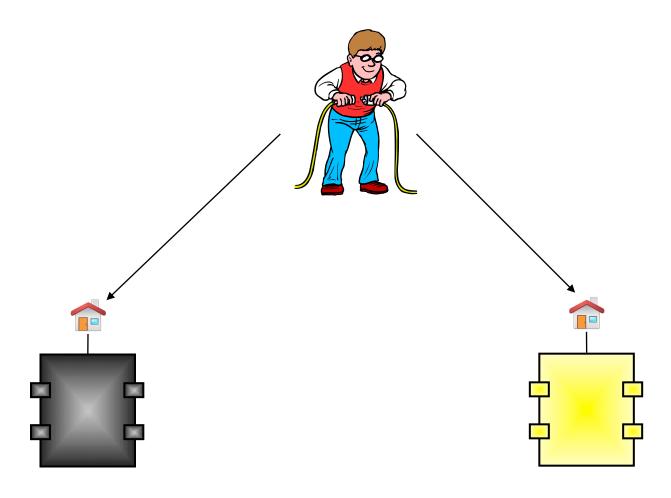
by Red Hat





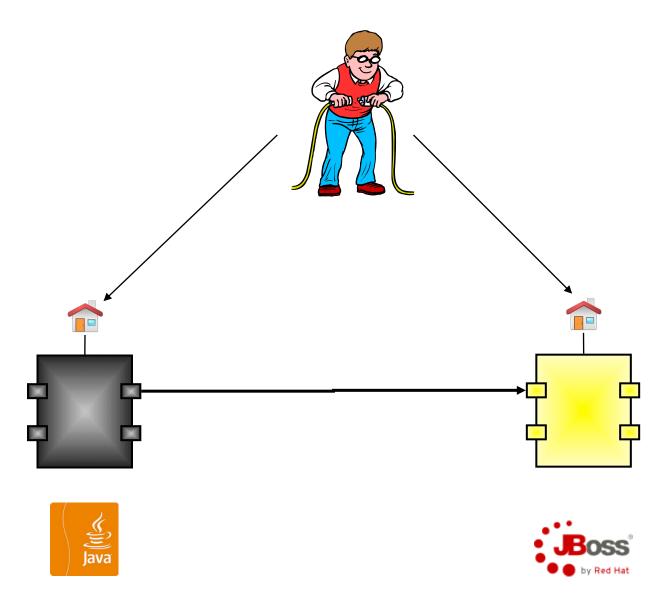
Home and assembly





Home and assembly





Packaging Assembly Deployement Tools



