

JAVA

JAVA

- Programmeringsspråk
- Plattformuavhengig
 - Til en viss grad
- Finnes en rekke versjoner
 - Vi bruker Java SE
- Utvikling
 - JDK inneholder
 - verktøy for å utvikle java program
 - Javac
 - Java
 - JRE Java Runtime Enviroment

Java

- Kjøring av program
 - JRE
 - JVM Java Virtual Machine
 - Java Pakker / Java bibliotek

JDK

- Kompilerer Javakode
 - Bytecode -> .class fil

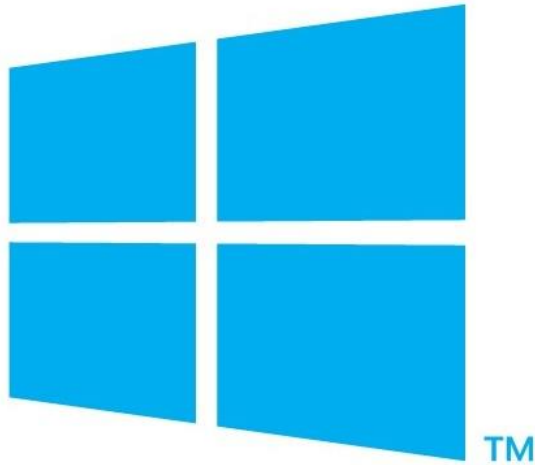
```
| Field public java.awt.Image carvequest      # DATA XREF: init+182↓w ...  
| Field public java.awt.Image inst           # DATA XREF: init+196↓w ...  
  
# =====  
  
# Segment type: Pure code  
Method public void init()  
  max_stack 6  
  max_locals 4  
  {  
    aload_0 # var001_0  
    aload_0 # var001_0  
    invokevirtual java.awt.Dimension java.awt.Component.size()  
    getfield int java.awt.Dimension.width  
    putfield int width  
    aload_0 # var001_0  
    aload_0 # var001_0  
    invokevirtual java.awt.Dimension java.awt.Component.size()  
    getfield int java.awt.Dimension.height  
    putfield int height  
    aload_0 # var001_0  
    ldc1 "GRIDWIDTH"  
    invokevirtual java.lang.String java.applet.Applet.getParameter(java.lang.String)  
    astore_1 # var001_1
```

JRE

- JRE
 - Kjører den kompilerte koden i JVM

Sekvens

C:\Users
Hei ver



```
public java.awt.Image carvequest      # DATA XREF: init+182↓w ...
public java.a                          96↓w ...

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id_0 # var001_
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invokevirtual jav
getfield int java
putfield int heig
aload_0 # var001_
ldc1 "GRIDWIDTH"
invokevirtual jav
astore_1 # var001_

                                         (java.lang.String)
```

