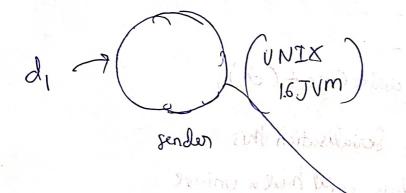


Private static final long social Version UID = 11;



"abcser"

Mar They

- 1 Sender & receiver need not be same
- Dender & Meeiver may not be from Same location
- (3) Sender & receiver may not be from same machine may have different JVM versions. 217

12-7 (Windows 1-8vJvm)
India

District to the

illing in

At sender side serialisation code will be executed At receiver side deserralisation code. will be executed

present at receiver side

as well,

(Serialisation) log di= new log(); [= 10 FOS \_ -J = 20oos-writeObject (d1); Dog. class During Serialisation this Dog class will have a unique this file 20.7 UZD Shouldle a bc. ser di-i=800 present at d1.j=999 fender side 1 = 808 Deservalisation FIS During deservalitation mnediatraly Dog de= (Dog) ois read Object (); > JVM will Dog. days. check what is the UID of the clays at this file should be receiver side.

If during deservation. Tum checks the UID in the Java class on receiver side, matches with the UID on the file or not.

of Martches: well and Grood, object will get deservalised.

If does not moth: Jum will throw Exception,

Saying (RE: Invalid Class Exception)
And hence stated the object will not be passed,

This (UID 7 serial Version UID) => { to identify whether its

the connect object of

not by a receiver side

The You Depend on JVM generation JVM]

Cho flemy of JVM generates Serial Version UID

- (1) Both senden and receiver have to use same JVM version, or else serial Version UIP mismatch will happyn.
- (2) Both sender & receiver should use same Dog class fills very form.

  If at sender side I make the change Dog { inti=10; inti=20;
- int K=so; = this change

  (3) (hance of Performance Also.

  3. on Ill lead to change in

  generation of (ferrial Version UID)

In we want to avoid any performance issues, Its letter to g use custom servalisation.

Part 16)

lets say that sender and receiver have different version of plasses, and we don't let Jum generate the serial Version UID, in that case,

class Dog S Private Static final long ferial Version VID = 1L;

int i=10; int j=20;

for to elife of ne all vi

Motters well and moot

(Sender Side)/

Class Dog & Receiver Side

and to we to use 2 samp 2 mm routing to all

Private static final long serial Version UTD=16:

Ent i=10;

întj=20;

1 int K=30;

int w= uo;

Proper Ferialisation,

because ferialversion VID,

matches,