

Yocto Session 23 - BSP  
(MACHINEOVERRIDES and OVERRIDES)

the most important variable in the  
Machine config file ( raspberry )

recipe → SRC\_URI + SRCREV :commit git  
Problem :  
MACHINE = "rpi4"  
Linux.bb → SRCREV = "\_\_\_\_"  
but if we change the MACHINE then it  
raise error False SRCREV  
SO we must use OVERRIDES :  
"variant"  
=> SRCREV : rpi4 = "\_\_\_\_"  
SRCREV : rpi5 = "\_\_\_\_"

bitbake -e get all the variable

```
A = "0"
A += "2" → 0 2
A:x = "3"
A:y = "4"

/conf/machine/x.conf - OVERRIDE += x
/conf/machine/y.conf - OVERRIDE += y
if ( MACHINE = x )
    A = 3
if ( MACHINE = y )
    A = 4

Not only MACHINE OVERRIDE but also distro
OVERRIDE ....
```

if you create x.conf that include another  
machine y you must verify that the OVERRIDES  
has the y machine