

yocto ·  
PROJECT

most useful  
global variables



 root  
commit

yocto ·  
PROJECT

most useful  
global variables



 root  
commit

yocto ·  
PROJECT

most useful  
global variables



 root  
commit

yocto ·  
PROJECT

most useful  
global variables



 root  
commit

yocto ·  
PROJECT

most useful  
global variables



 root  
commit



**MACHINE = "beaglebone-yocto"**  
Build for global machine definitions  
in `conf/machine/beaglebone-yocto.conf`

**DISTRO = "sulka"**  
Build for global distribution definitions  
in `conf/distro/sulka.conf`

**IMAGE\_INSTALL += "flac alsa-utils"**  
Add packages to the image to build

**KERNEL\_DEVICETREE = "board.dtb"**  
Linux device tree(s) to generate

**UBOOT\_MACHINE="rpi\_arm64\_defconfig"**  
U-Boot configuration for your board

**WKS\_FILE = "beaglev-ahead.wks"**  
Wic partition definitions for disk images

**IMAGE\_BOOT\_FILES**  
Files for Wic to deploy to a boot partition

**INIT\_MANAGER = "systemd"**  
Define the init manager for your image

**EXTRA\_IMAGE\_FEATURES += "splash"**  
Add a feature to your image

**PREFERRED\_PROVIDER\_virtual/kernel**  
Define the preferred kernel recipe

**PREFERRED\_VERSION\_python = "3.12.0"**  
Selects specific version of the python recipe

**PACKAGE\_CLASSES = "package\_rpm"**  
Specifies the packaging format(s) to use

**INHERIT += "rm\_work"**  
Inherit global classes (here save disk space)

**OVERRIDES**  
Active variable override keys (right to left)

**DL\_DIR = "/media/yocto/downloads"**  
Shared directory for downloads

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

Check the value of a global variable  
bitbake-getvar MACHINE

**MACHINE = "beaglebone-yocto"**  
Build for global machine definitions  
in `conf/machine/beaglebone-yocto.conf`

**DISTRO = "sulka"**  
Build for global distribution definitions  
in `conf/distro/sulka.conf`

**IMAGE\_INSTALL += "flac alsa-utils"**  
Add packages to the image to build

**KERNEL\_DEVICETREE = "board.dtb"**  
Linux device tree(s) to generate

**UBOOT\_MACHINE="rpi\_arm64\_defconfig"**  
U-Boot configuration for your board

**WKS\_FILE = "beaglev-ahead.wks"**  
Wic partition definitions for disk images

**IMAGE\_BOOT\_FILES**  
Files for Wic to deploy to a boot partition

**INIT\_MANAGER = "systemd"**  
Define the init manager for your image

**EXTRA\_IMAGE\_FEATURES += "splash"**  
Add a feature to your image

**PREFERRED\_PROVIDER\_virtual/kernel**  
Define the preferred kernel recipe

**PREFERRED\_VERSION\_python = "3.12.0"**  
Selects specific version of the python recipe

**PACKAGE\_CLASSES = "package\_rpm"**  
Specifies the packaging format(s) to use

**INHERIT += "rm\_work"**  
Inherit global classes (here save disk space)

**OVERRIDES**  
Active variable override keys (right to left)

**DL\_DIR = "/media/yocto/downloads"**  
Shared directory for downloads

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

Check the value of a global variable  
bitbake-getvar MACHINE

**MACHINE = "beaglebone-yocto"**  
Build for global machine definitions  
in `conf/machine/beaglebone-yocto.conf`

**DISTRO = "sulka"**  
Build for global distribution definitions  
in `conf/distro/sulka.conf`

**IMAGE\_INSTALL += "flac alsa-utils"**  
Add packages to the image to build

**KERNEL\_DEVICETREE = "board.dtb"**  
Linux device tree(s) to generate

**UBOOT\_MACHINE="rpi\_arm64\_defconfig"**  
U-Boot configuration for your board

**WKS\_FILE = "beaglev-ahead.wks"**  
Wic partition definitions for disk images

**IMAGE\_BOOT\_FILES**  
Files for Wic to deploy to a boot partition

**INIT\_MANAGER = "systemd"**  
Define the init manager for your image

**EXTRA\_IMAGE\_FEATURES += "splash"**  
Add a feature to your image

**PREFERRED\_PROVIDER\_virtual/kernel**  
Define the preferred kernel recipe

**PREFERRED\_VERSION\_python = "3.12.0"**  
Selects specific version of the python recipe

**PACKAGE\_CLASSES = "package\_rpm"**  
Specifies the packaging format(s) to use

**INHERIT += "rm\_work"**  
Inherit global classes (here save disk space)

**OVERRIDES**  
Active variable override keys (right to left)

**DL\_DIR = "/media/yocto/downloads"**  
Shared directory for downloads

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

Check the value of a global variable  
bitbake-getvar MACHINE

**MACHINE = "beaglebone-yocto"**  
Build for global machine definitions  
in `conf/machine/beaglebone-yocto.conf`

**DISTRO = "sulka"**  
Build for global distribution definitions  
in `conf/distro/sulka.conf`

**IMAGE\_INSTALL += "flac alsa-utils"**  
Add packages to the image to build

**KERNEL\_DEVICETREE = "board.dtb"**  
Linux device tree(s) to generate

**UBOOT\_MACHINE="rpi\_arm64\_defconfig"**  
U-Boot configuration for your board

**WKS\_FILE = "beaglev-ahead.wks"**  
Wic partition definitions for disk images

**IMAGE\_BOOT\_FILES**  
Files for Wic to deploy to a boot partition

**INIT\_MANAGER = "systemd"**  
Define the init manager for your image

**EXTRA\_IMAGE\_FEATURES += "splash"**  
Add a feature to your image

**PREFERRED\_PROVIDER\_virtual/kernel**  
Define the preferred kernel recipe

**PREFERRED\_VERSION\_python = "3.12.0"**  
Selects specific version of the python recipe

**PACKAGE\_CLASSES = "package\_rpm"**  
Specifies the packaging format(s) to use

**INHERIT += "rm\_work"**  
Inherit global classes (here save disk space)

**OVERRIDES**  
Active variable override keys (right to left)

**DL\_DIR = "/media/yocto/downloads"**  
Shared directory for downloads

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

Check the value of a global variable  
bitbake-getvar MACHINE

**MACHINE = "beaglebone-yocto"**  
Build for global machine definitions  
in `conf/machine/beaglebone-yocto.conf`

**DISTRO = "sulka"**  
Build for global distribution definitions  
in `conf/distro/sulka.conf`

**IMAGE\_INSTALL += "flac alsa-utils"**  
Add packages to the image to build

**KERNEL\_DEVICETREE = "board.dtb"**  
Linux device tree(s) to generate

**UBOOT\_MACHINE="rpi\_arm64\_defconfig"**  
U-Boot configuration for your board

**WKS\_FILE = "beaglev-ahead.wks"**  
Wic partition definitions for disk images

**IMAGE\_BOOT\_FILES**  
Files for Wic to deploy to a boot partition

**INIT\_MANAGER = "systemd"**  
Define the init manager for your image

**EXTRA\_IMAGE\_FEATURES += "splash"**  
Add a feature to your image

**PREFERRED\_PROVIDER\_virtual/kernel**  
Define the preferred kernel recipe

**PREFERRED\_VERSION\_python = "3.12.0"**  
Selects specific version of the python recipe

**PACKAGE\_CLASSES = "package\_rpm"**  
Specifies the packaging format(s) to use

**INHERIT += "rm\_work"**  
Inherit global classes (here save disk space)

**OVERRIDES**  
Active variable override keys (right to left)

**DL\_DIR = "/media/yocto/downloads"**  
Shared directory for downloads

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

**SSTATE\_DIR = "/media/yocto/sstate"**  
Shared directory to cache built binaries

Check the value of a global variable  
bitbake-getvar MACHINE

Learn more at  
<https://rootcommit.com/training/yocto/>

Learn more at  
<https://rootcommit.com/training/yocto/>

Learn more at  
<https://rootcommit.com/training/yocto/>

Learn more at  
<https://rootcommit.com/training/yocto/>

Learn more at  
<https://rootcommit.com/training/yocto/>