

Prerequisites (Ubuntu 14)

```
-get yocto sources (tested with commit b8631416f12b8a904ce3deb036f9d5ce632937b0)
-run 'git clone git://git.yoctoproject.org/poky'
-change directory to '<poky-path>'
-run 'git checkout b8631416f12b8a904ce3deb036f9d5ce632937b0'
-get raspberrypi yocto layer (tested with commit 6c6f44136f7e1c97bc45be118a48bd9b1fef1072)
-change directory to '<poky-path>'
-run 'git clone git://git.yoctoproject.org/meta-raspberrypi'
-change directory to '<poky-path>/meta-raspberrypi'
-run 'git checkout 6c6f44136f7e1c97bc45be118a48bd9b1fef1072'
-prepare to build
-run 'source <poky-path>/oe-init-build-env <build-path>'
-add the following line to '<build-path>/conf/local.conf'
    MACHINE = "raspberrypi"
-optionally add the following lines to '<build-path>/conf/local.conf'
    BB_NUMBER_THREADS = "4"
    PARALLEL_MAKE = "-j5"
-add the raspberrypi layer path '<poky-path>/meta-raspberrypi' to 'BBLAYERS' variable in '<build-path>/conf/bblayers.conf'
-build
-run 'bitbake rpi-basic-image' in same terminal as 'source ...'
-watch a movie or two
-get compatible kernel
-download kernel from https://drive.google.com/file/d/0B0lgiPZNMMYvMWetZS1zME9lQjQ/edit
-extract kernel image with 'unzip kernel.zip'
```

Prerequisites (Ubuntu 18 or any other supported version by poky-master)

```
-get yocto sources
-run 'git clone git://git.yoctoproject.org/poky'
-change directory to '<poky-path>'
-run 'git checkout master'
-get raspberrypi yocto layer
-change directory to '<poky-path>'
-run 'git clone git://git.yoctoproject.org/meta-raspberrypi'
-change directory to '<poky-path>/meta-raspberrypi'
-run 'git checkout master'
-prepare to build
-run 'source <poky-path>/oe-init-build-env <build-path>'
-add the following line to '<build-path>/conf/local.conf'
    MACHINE = "raspberrypi"
-optionally add the following lines to '<build-path>/conf/local.conf'
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-add the raspberrypi layer path '<poky-path>/meta-raspberrypi' to 'BBLAYERS' variable in '<build-path>/conf/bblayers.conf'
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-run 'bitbake rpi-basic-image' in same terminal as 'source ...'
-watch a movie or two
-get compatible kernel
-download kernel from https://drive.google.com/file/d/0B0lgiPZNMMYvMWetZS1zME9lQjQ/edit
-extract kernel image with 'unzip kernel.zip'
```