

# meta-ivi/10.0.1

This page describe the information and build step about GENIVI Yocto baseline 10.0.1 release ([10.0.1](#))

## Software Base

- Yocto Project ([poky](#))
  - Linux Kernel 3.14.36

## Layer Dependencies

### Poky

URI:	<code>git://git.yoctoproject.org/poky</code>
branch:	<code>jethro</code>
revision:	<code>fc45deac89ef63ca1c44e763c38ced7dfd72cbe1</code>

### meta-oe

URI:	<code>git://git.openembedded.org/meta-openembedded</code>
branch:	<code>jethro</code>
revision:	<code>ad6133a2e95f4b83b6b3ea413598e2cd5fb3fd90</code>

## Supported Hardware

The following hardware platforms are supported:

QEMU (ARMv7) —	emulated machine: vexpressa9
QEMU (IA-32) —	emulated machine: qemux86
QEMU (x86-64) —	emulated machine: qemux86-64

## How to build

1. `mkdir $HOME/genivi-baseline`
2. `cd $HOME/genivi-baseline`
3. `git clone git://git.yoctoproject.org/poky`
4. `cd poky; git checkout fc45deac89ef63ca1c44e763c38ced7dfd72cbe1; cd -`
5. `git clone git://git.openembedded.org/meta-openembedded`
6. `cd meta-openembedded; git checkout ad6133a2e95f4b83b6b3ea413598e2cd5fb3fd90; cd -`
7. `git clone https://github.com/GENIVI/meta-ivi.git`
8. `cd meta-ivi; git checkout 10.0.1; cd -`
9. `export TEMPLATECONF=`pwd`/meta-ivi/meta-ivi/conf`
10. `source poky/oe-init-build-env build`
11. `MACHINE=qemux86 bitbake leviathan-image`



1. to build the software for other hardware, change MACHINE=... for example, `MACHINE=qemux86-64 bitbake leviathan-image`
2. to run emulate machine, `../meta-ivi/scripts/runqemu leviathan-image qemux86`

## meta-ivi 10.0.1 metadata

The meta-ivi 10.0.1 metadata [has been sent](#) to the [meta-ivi mailing list](#).

The [meta-ivi-10.0.1\\_metadata.7z archive](#) that is attached to that email should have the following contents:

Package Manifest :	[ARMv7][IA-32][x86-64] package.manifest
License Manifest :	[ARMv7][IA-32][x86-64] license.manifest
Human-readable information about the build configuration and metadata source revisions :	[ARMv7][IA-32][x86-64] build-id
graphviz-compatible dependency graphs for the image :	[ARMv7][IA-32][x86-64] depends.dot
A list of files in the image with permissions, owner/group, size, and symlink information :	[ARMv7][IA-32][x86-64] files-in-image.txt
A text file containing name-value pairs with information about the image :	[ARMv7][IA-32][x86-64] image-info.txt
A list of installed packages (names only) :	[ARMv7][IA-32][x86-64] installed-package-names.txt
A list of installed packages ordered by size :	[ARMv7][IA-32][x86-64] installed-package-sizes.txt
A list of installed packages (full package filename) :	[ARMv7][IA-32][x86-64] installed-packages.txt

## Related articles

- [Building Genivi 15 for YP 2.6 \(Thud\) on the Renesas R-Car SoCs](#)
- [meta-ivi](#)
- [meta-ivi/15.0.0](#)
- [Building Genivi 14 \(Pulsar\) for YP 2.5 \(Sumo\) on the Renesas R-Car SoCs](#)
- [meta-ivi/14.50.0 \(Pulsar + sumo\)](#)