

## USEFUL BITBAKE COMMANDS

Bitbake Command	Description
<i>bitbake &lt;image&gt;</i>	Bake an <i>image</i> (add <i>-k</i> to continue building even errors are found in the tasks execution)
<i>bitbake &lt;package&gt; -c &lt;task&gt;</i>	Execute a particular <i>package's</i> <i>task</i> . Default Tasks names: <i>fetch</i> , <i>unpack</i> , <i>patch</i> , <i>configure</i> , <i>compile</i> , <i>install</i> , <i>package</i> , <i>package_write</i> , and <i>build</i> . <i>Example:</i> To (force) compiling a kernel and then build, type: \$ <i>bitbake linux-imx -f -c compile</i> \$ <i>bitbake linux-imx</i>
<i>bitbake &lt;image&gt; -g -u depexp</i>	Show the package dependency for <i>image</i> . <i>Example:</i> To show all packages included on fsl-image-gui \$ <i>bitbake fsl-image-gui -g -u depexp</i> NOTE: This command will open a UI window, so it must be execute on a console inside the host machine (either virtual or native).
<i>bitbake &lt;package&gt; -c devshell</i>	Open a new shell where with necessary system values already defined for <i>package</i>
<i>hob</i>	bitbake frontend/GUI.
<i>bitbake &lt;package&gt; -c listtasks</i>	List all tasks for <i>package</i>
<i>bitbake virtual/kernel -c menuconfig</i>	Interactive kernel configuration
<i>bitbake &lt;image&gt; -c fetchall</i>	Fetch sources for a particular <i>image</i>
<i>bitbake-layers show-layers</i>	Show layers
<i>bitbake-layers show-recipes "*-image-"</i>	Show possible images to bake. Without <i>"*-images-"</i> , it shows ALL recipes
<i>bitbake -g &lt;image&gt; &amp;&amp; cat pn-depends.dot   grep -v -e '-native'   grep -v digraph   grep -v -e '-image'   awk '{print \$1}'   sort   uniq</i>	Show <i>image's</i> packages
<i>bitbake -g &lt;pkg&gt; &amp;&amp; cat pn-depends.dot   grep -v -e '-native'   grep -v digraph   grep -v -e '-image'   awk '{print \$1}'   sort   uniq</i>	Show <i>package's</i> dependencies
<i>bitbake -v &lt;image&gt; 2&gt;&amp;1   tee image_build.log</i>	Print (on console) and store verbose baking
<i>bitbake -s   grep &lt;pkg&gt;</i>	Check if certain <i>package</i> is present on current Yocto Setup