

created in
London

Hob 1.2 screens and dialogues

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Hob 1.2 screens and dialogues

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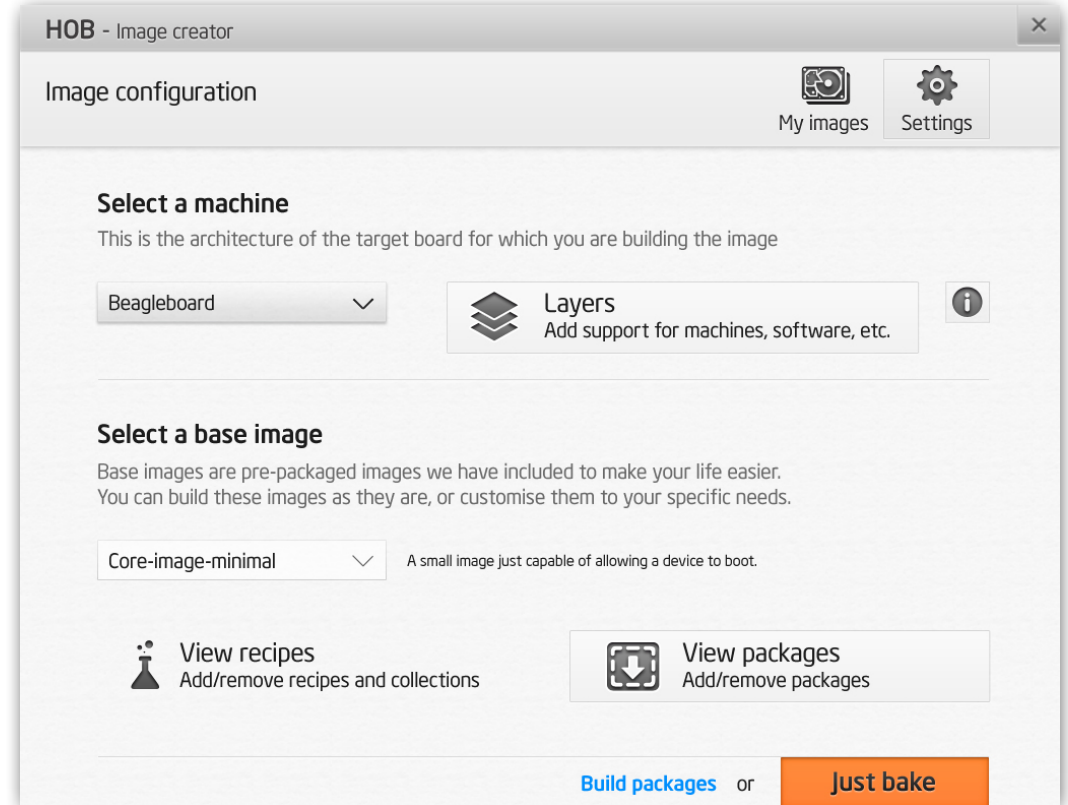
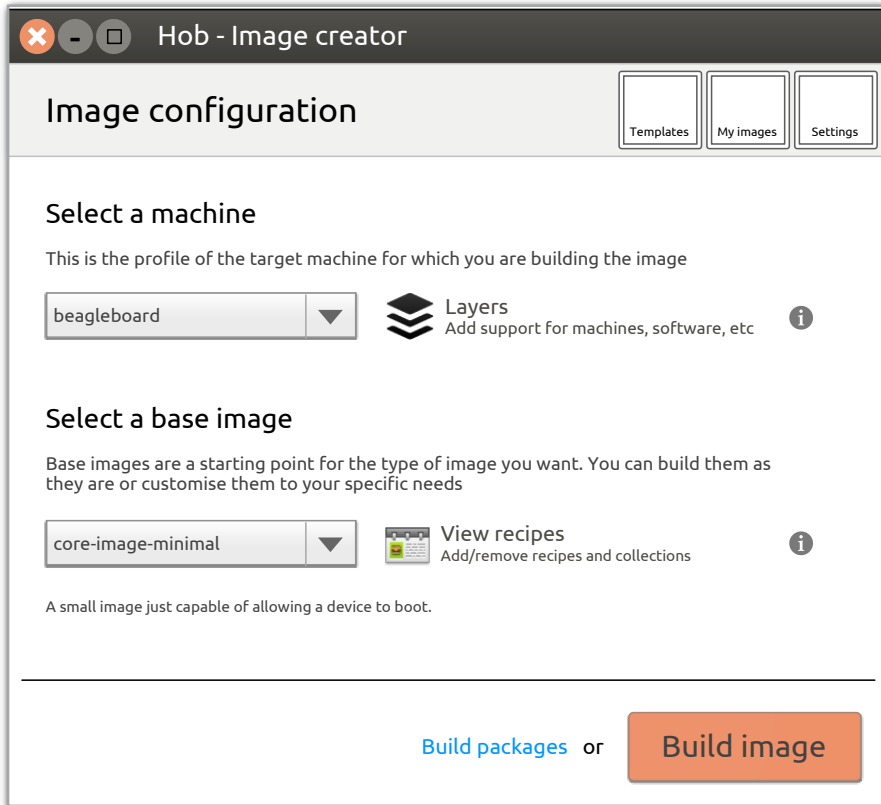
Hob 1.2 screens and dialogues

Screens

Hob 1.2 is made of a series of screens, each of them representing one of the main steps of the image building process. These screens display, one at a time, in the main Hob 1.2 application window.

Below is a list of screens:

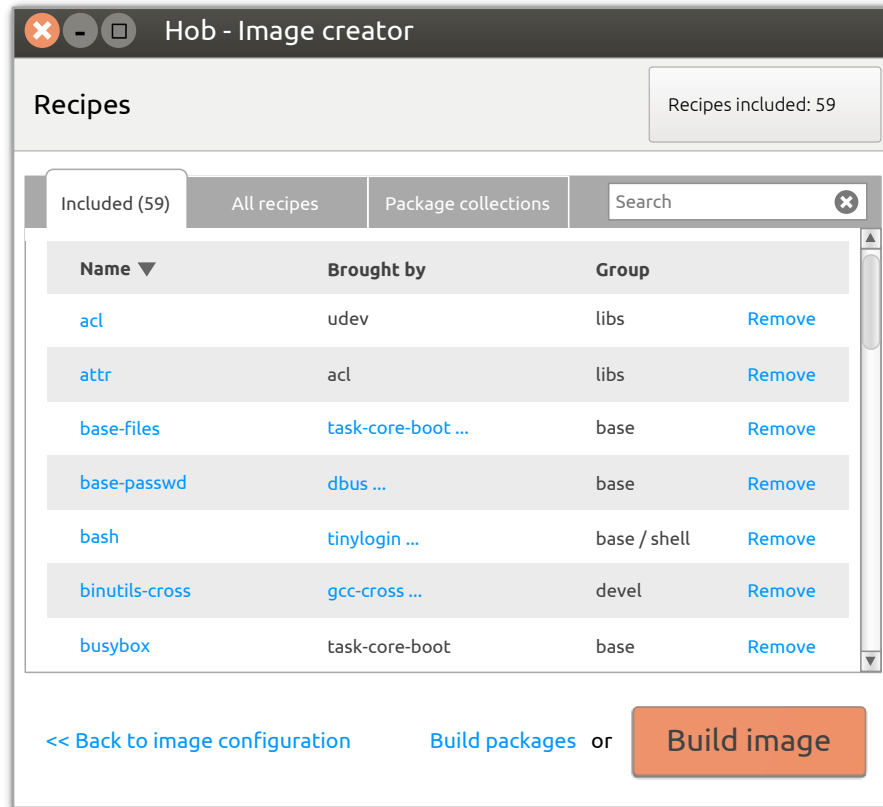
- Image configuration
- Recipes
- Build in progress. There are 2 versions of this screen, 1. Building packages and 2. Building image
- Packages
- Image details



Hob 1.2 screens

Recipes

1 Included



The screenshot shows a window titled "Hob - Image creator" with a "Recipes" section. A button indicates "Recipes included: 59". Below this, there are tabs for "Included (59)", "All recipes", and "Package collections", along with a search bar. A table lists several recipes with columns for Name, Brought by, and Group, and a "Remove" link for each. At the bottom, there are navigation options: "<< Back to image configuration", "Build packages or", and a large orange "Build image" button.

Name ▼	Brought by	Group	
acl	udev	libs	Remove
attr	acl	libs	Remove
base-files	task-core-boot ...	base	Remove
base-passwd	dbus ...	base	Remove
bash	tinylogin ...	base / shell	Remove
binutils-cross	gcc-cross ...	devel	Remove
busybox	task-core-boot	base	Remove

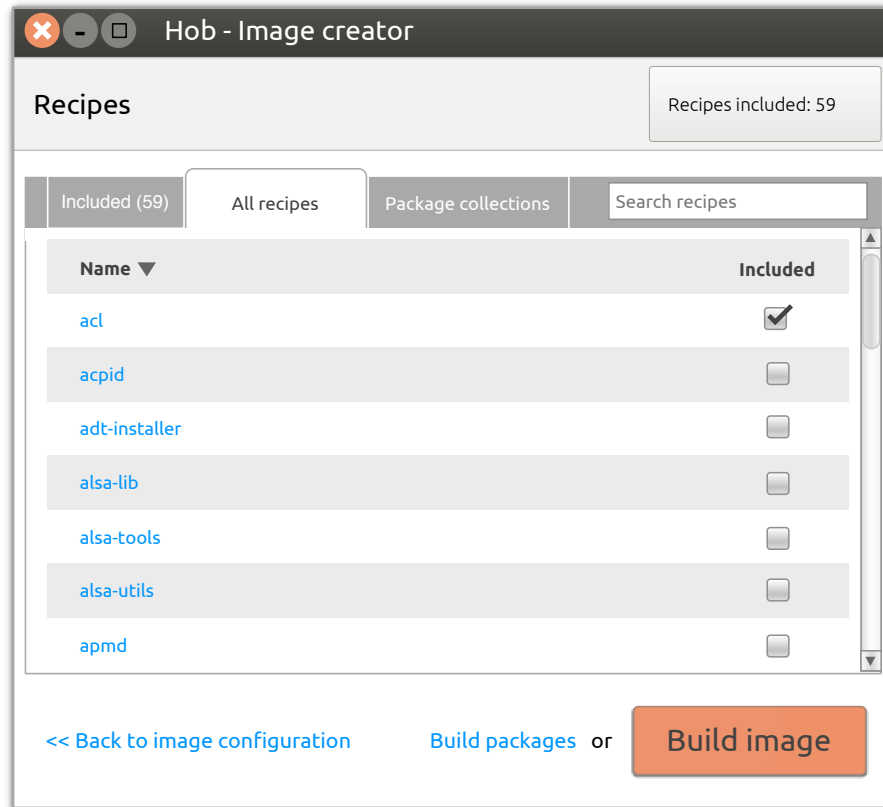
2 'Brought by' details

The screenshot shows the 'Hob - Image creator' window. At the top, it says 'Recipes' and 'Recipes included: 59'. Below this is a navigation bar with 'Included (59)', 'All recipes', and 'Package collections' tabs, along with a search box. The main area is a table of recipes:

Name	Brought by	Group	
acl	udev	libs	Remove
attr	acl	libs	Remove
base-files	task-core-boot ...	base	Remove
base-passwd	dbus ...		Remove
bash	tinylogin ...		Remove
binutils-cross	gcc-cross ...	devel	Remove
busybox	task-core-boot	base	Remove

A tooltip is visible over the 'base-passwd' row, containing an 'x' icon and the text: 'Brought in by: dbus, shadow-sysroot, task-core-boot'. At the bottom of the window, there are navigation links: '<< Back to image configuration', 'Build packages or', and a large orange 'Build image' button.

3 All recipes



4 Recipe details

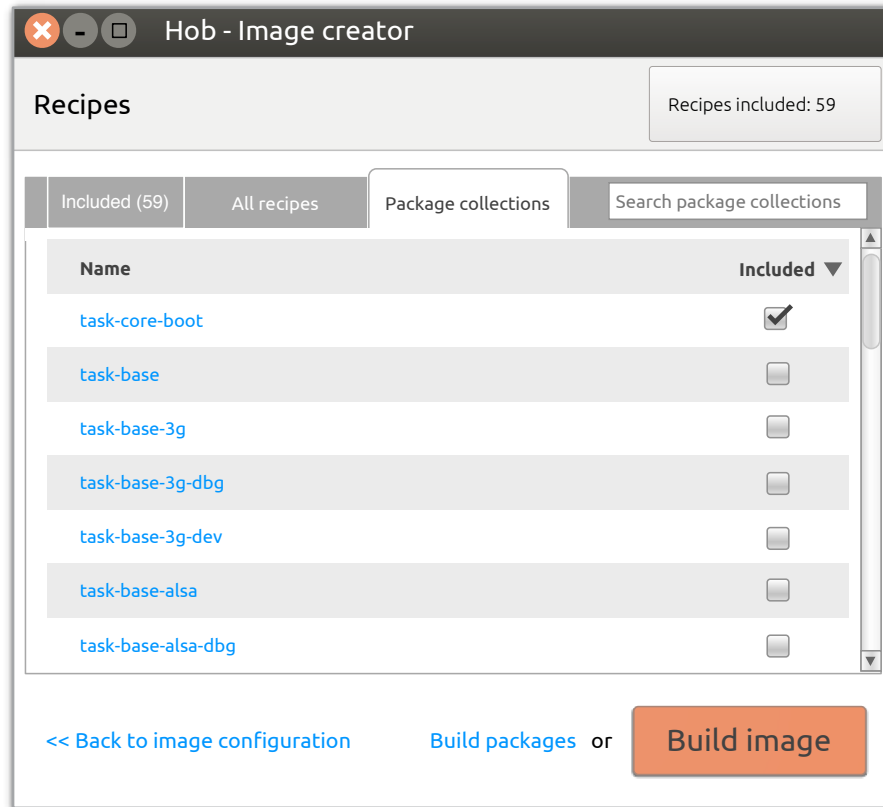
The screenshot shows the 'Hob - Image creator' window. At the top, it says 'Recipes' and 'Recipes included: 59'. Below this are tabs for 'Included (59)', 'All recipes', and 'Package collections', along with a search box. A table lists several recipes with their names and 'Included' checkboxes. A tooltip is displayed over the 'alsa-tools' row, providing details about the package.

Name	Included
acl	<input checked="" type="checkbox"/>
acpid	<input type="checkbox"/>
adt-installer	<input type="checkbox"/>
alsa-lib	<input type="checkbox"/>
alsa-tools	<input type="checkbox"/>
alsa-utils	<input type="checkbox"/>
apmd	<input type="checkbox"/>

alsa-tools
Alsa Tools package contains advanced tools for certain sound cards.
<http://www.alsa-project.org>
Version: 1.0.24.1
License: GPLv2 & LGPLv2+
Section: console/utils

<< Back to image configuration Build packages or **Build image**

5 Package collections



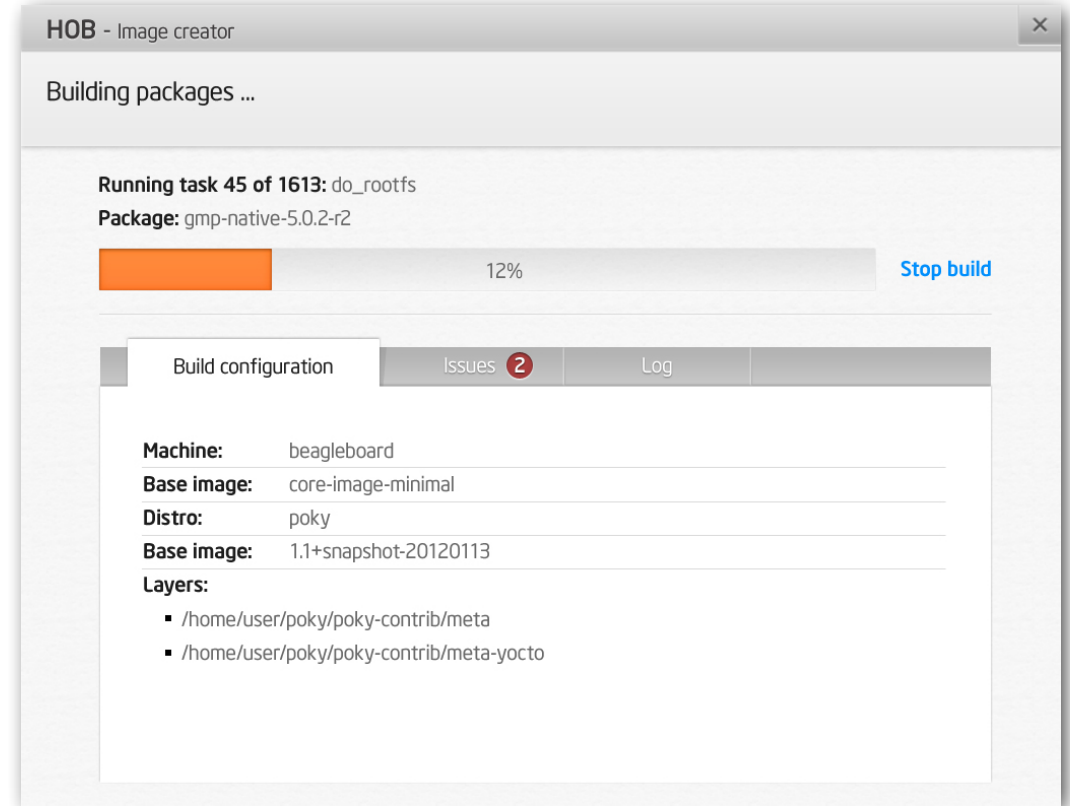
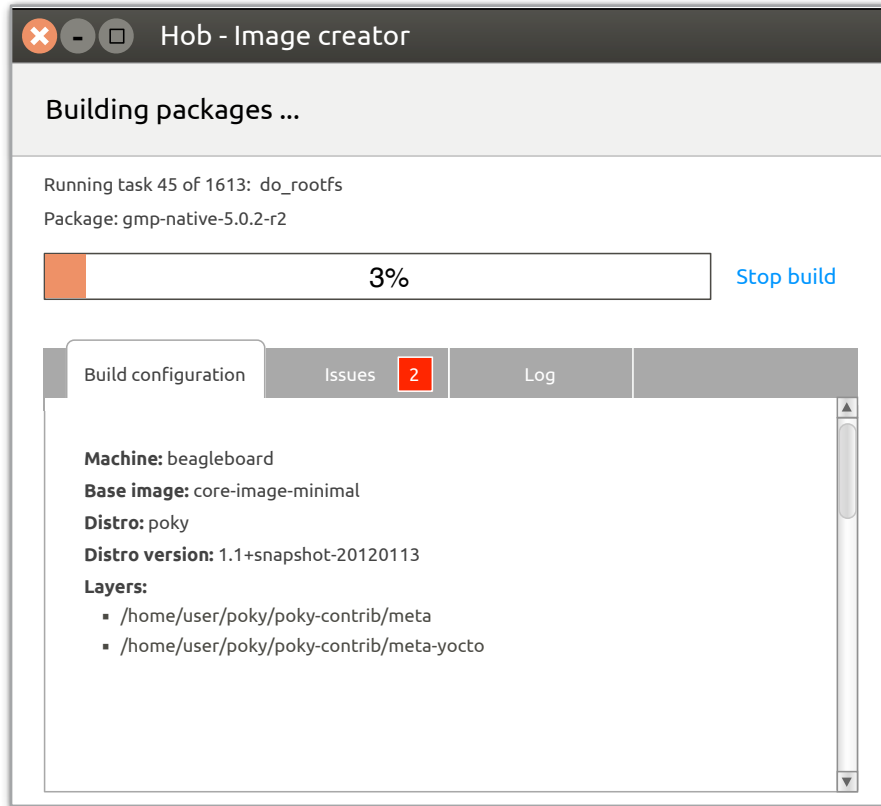
6 Package collection details

The screenshot shows the 'Hob - Image creator' window. At the top, it says 'Recipes' and 'Recipes included: 59'. Below this are tabs for 'Included (59)', 'All recipes', and 'Package collections', along with a search bar for 'Search package collections'. A table lists various tasks with an 'Included' column containing checkboxes. A tooltip is displayed over the 'task-base-3g-de' entry, containing the following text:

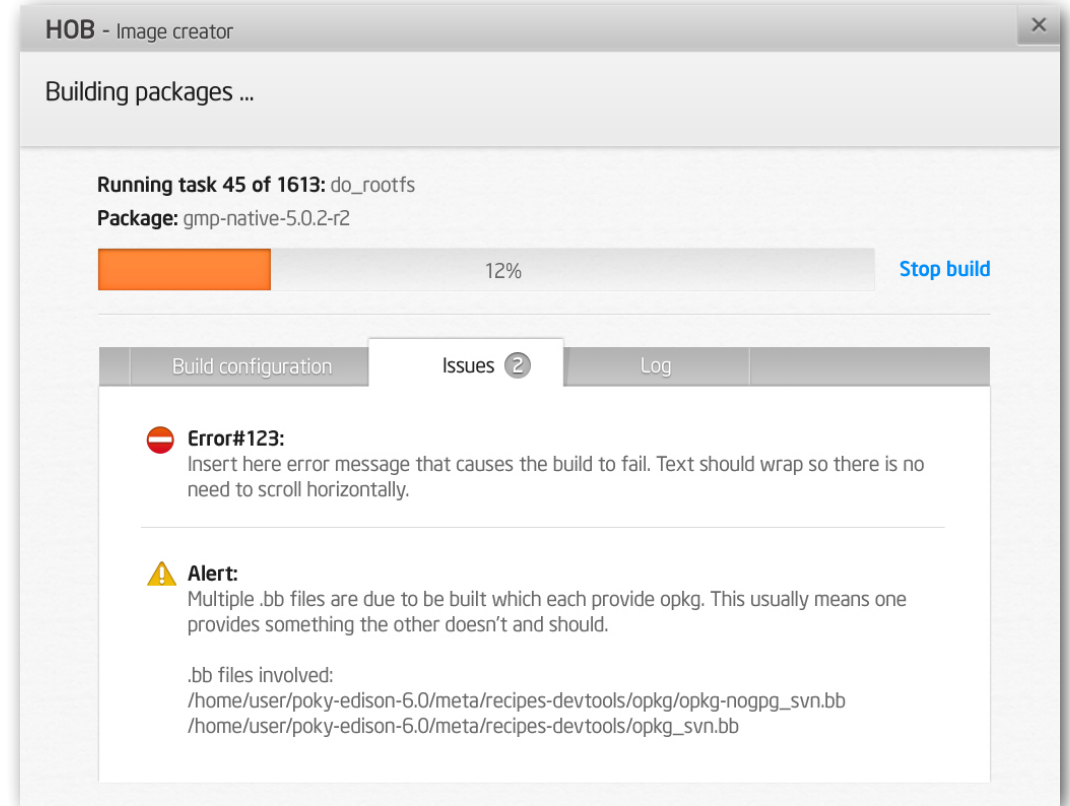
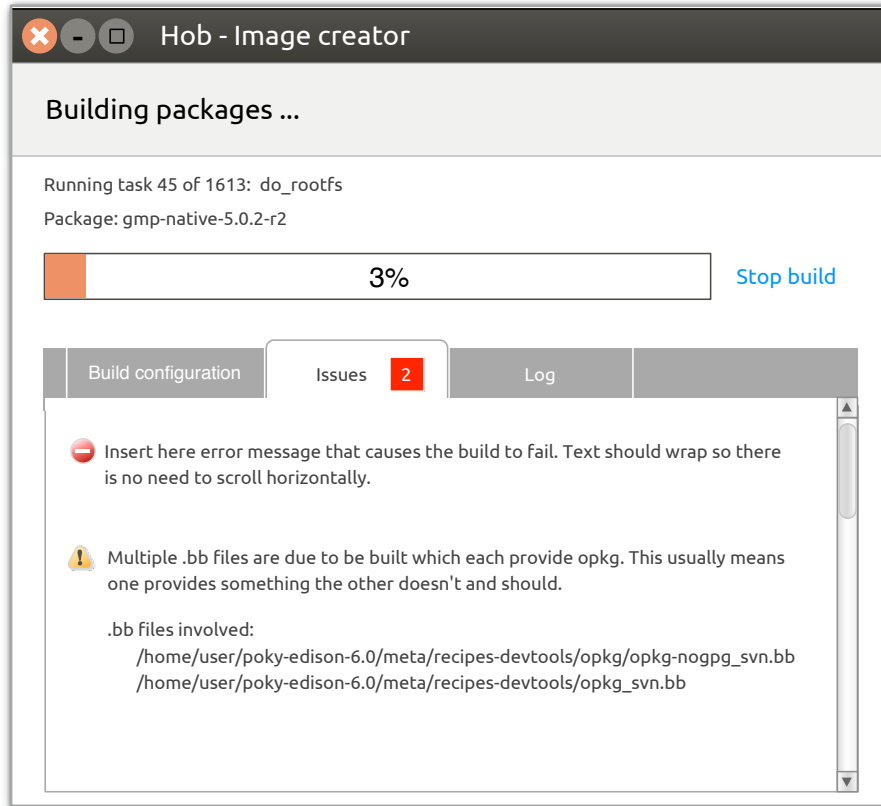
- Merge machine and distro options to create a basic machine task/package
- Version: 1.0-r72
- License: MIT
- Section: base

At the bottom of the window, there are three buttons: '<< Back to image configuration', 'Build packages or', and 'Build image'.

1 Build configuration details



2 Issues



3 Log

Hob - Image creator

Building packages ...

Running task 45 of 1613: do_rootfs
Package: autoconf-native-2.68-r4

3% [Stop build](#)

Build configuration	Issues 2	Log
Build started: 12/02/2011 21:02:05		
Resolving any missing task queue dependencies	✓	
Preparing runqueue	✓	
Executing SetScene Tasks	✓	
Executing RunQueue Tasks	✓	
▶ Package: gnu-config-native-20111111-r1	✓	
▶ Package: autoconf-native-2.68-r4	↻	

HOB - Image creator

Building packages ...

Running task 45 of 1613: do_rootfs
Package: gmp-native-5.0.2-r2

12% [Stop build](#)

Build configuration	Issues 2	Log
Build started: 12/02/2011 21:02:05		
Resolving any missing task queue dependencies	✓	
Preparing runqueue	✓	
Executing SetScene Tasks	✓	
Executing RunQueue Tasks	✓	
▶ Package: gnu-config-native-20111111-r1	↻	
▶ Package: autoconf-native-2.68-r4	↻	

Hob 1.2 screens

Packages

1 Included

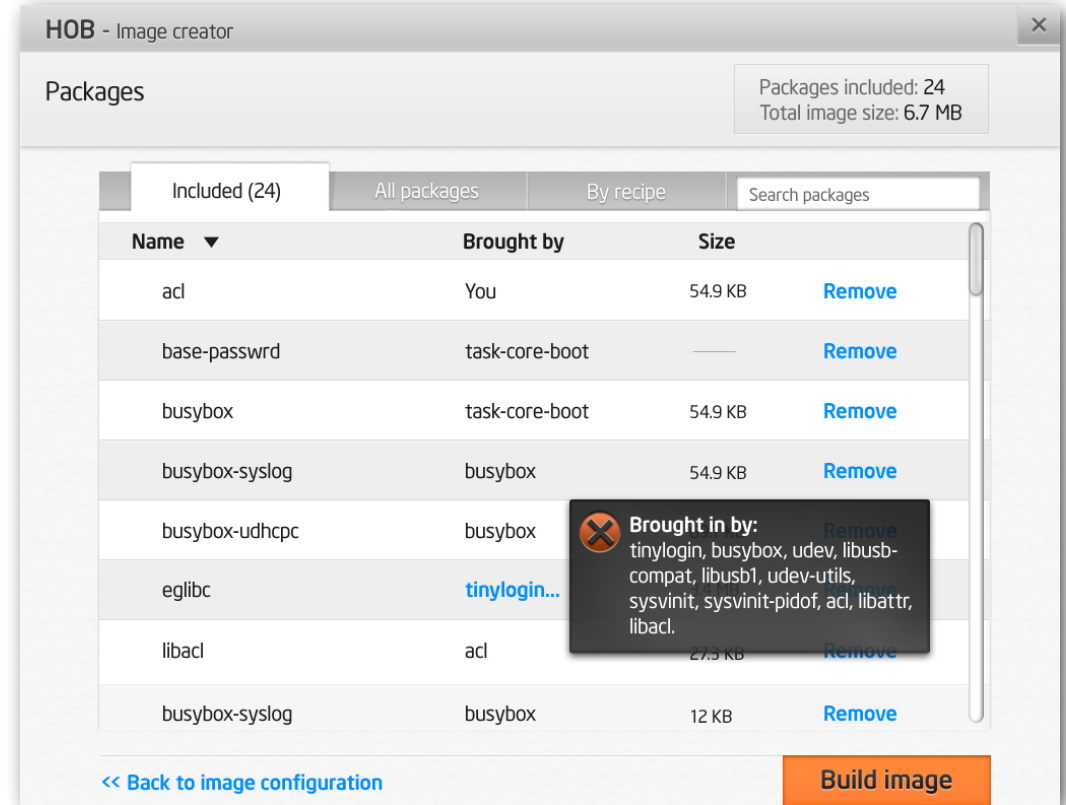
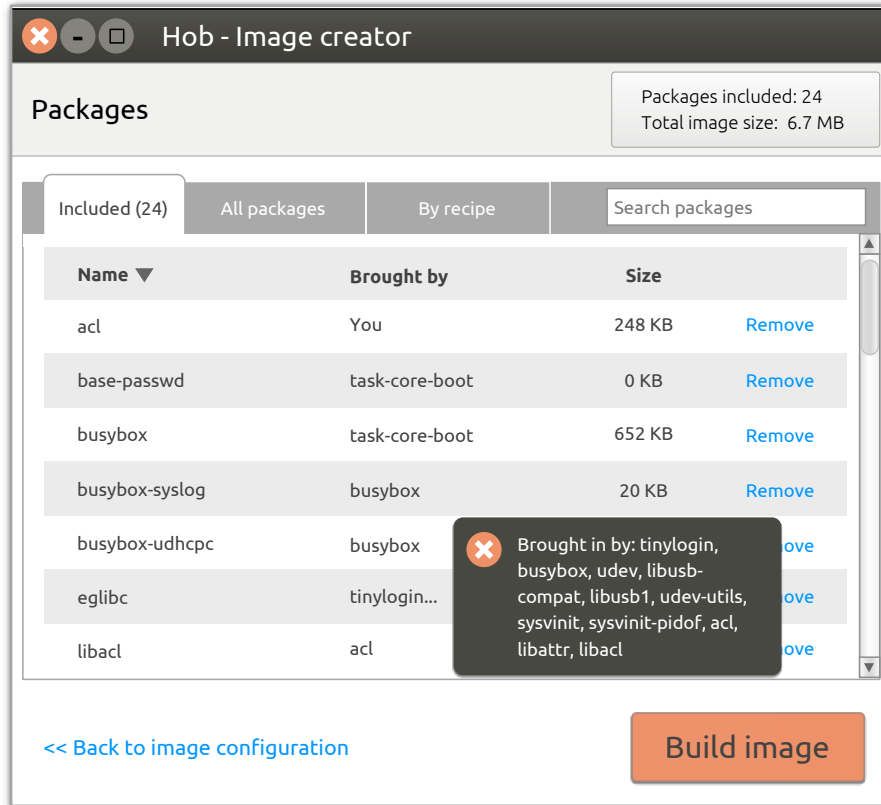
The screenshot shows the 'Hob - Image creator' window. At the top right, it displays 'Packages included: 24' and 'Total image size: 6.7 MB'. Below this is a navigation bar with tabs for 'Included (24)', 'All packages', and 'By recipe', along with a search box. The main area contains a table of packages with columns for Name, Brought by, and Size. At the bottom, there are two buttons: '<< Back to image configuration' and 'Build image'.

Name	Brought by	Size	
acl	You	248 KB	Remove
base-passwd	task-core-boot	0 KB	Remove
busybox	task-core-boot	652 KB	Remove
busybox-syslog	busybox	20 KB	Remove
busybox-udhcpc	busybox	40 KB	Remove
eglibc	tinylogin...	3.4 MB	Remove
libacl	acl	148 KB	Remove

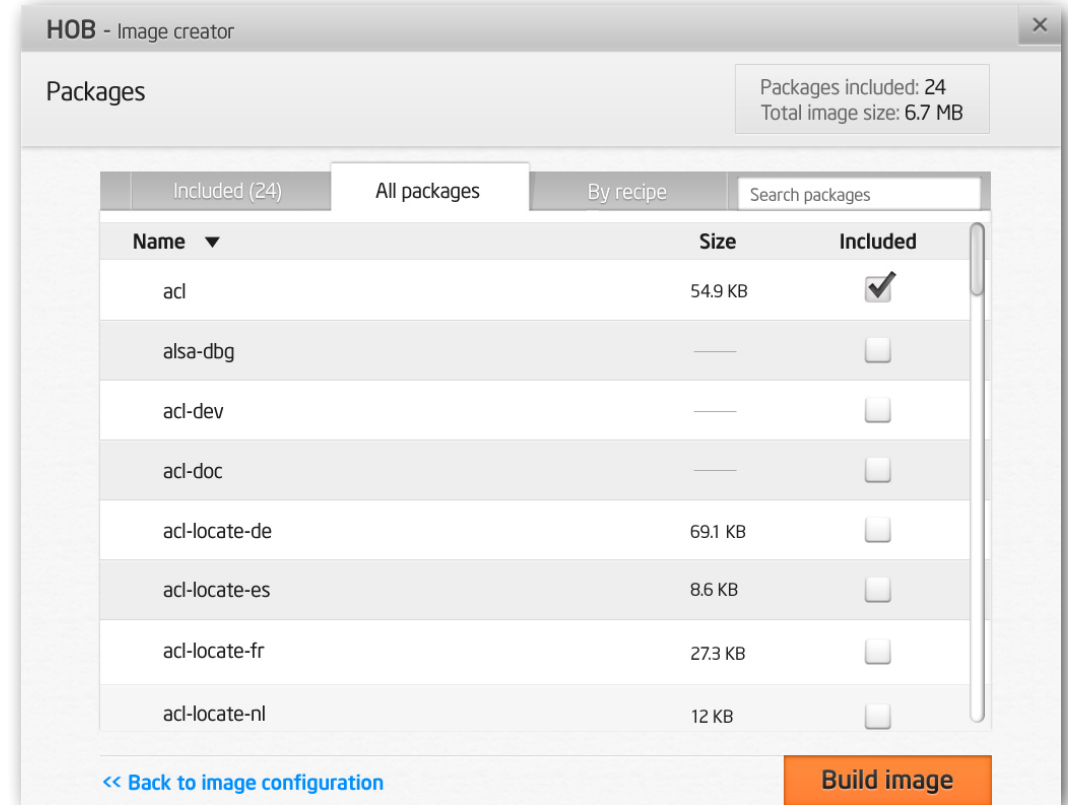
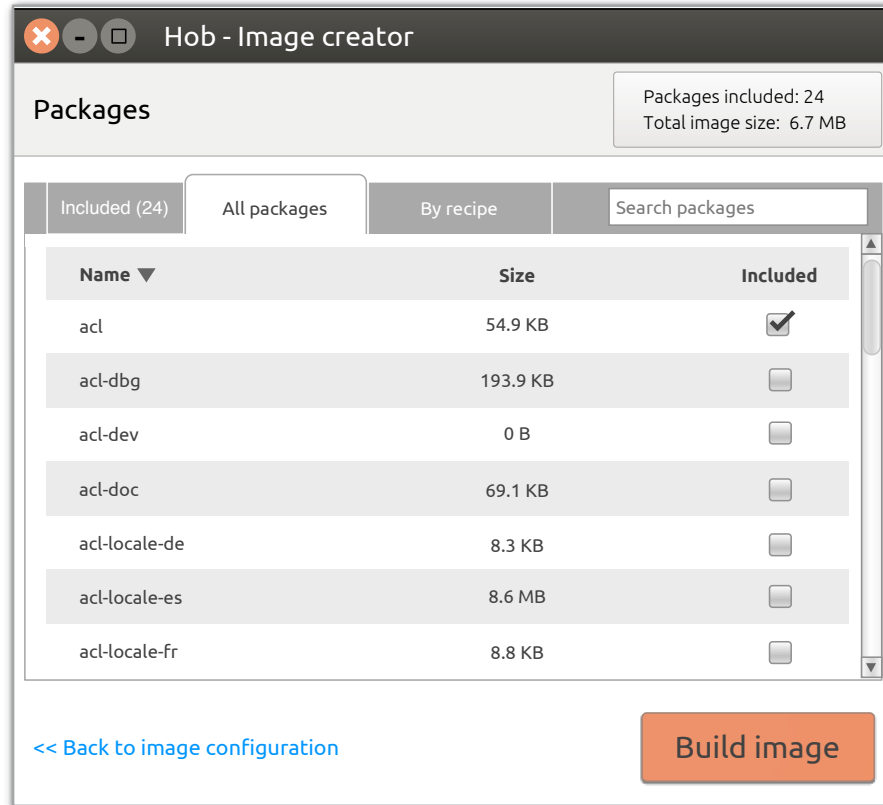
The screenshot shows the 'HOB - Image creator' window. At the top right, it displays 'Packages included: 24' and 'Total image size: 6.7 MB'. Below this is a navigation bar with tabs for 'Included (24)', 'All packages', and 'By recipe', along with a search box. The main area contains a table of packages with columns for Name, Brought by, and Size. At the bottom, there are two buttons: '<< Back to image configuration' and 'Build image'.

Name	Brought by	Size	
acl	You	54.9 KB	Remove
base-passwd	task-core-boot	—	Remove
busybox	task-core-boot	54.9 KB	Remove
busybox-syslog	busybox	54.9 KB	Remove
busybox-udhcpc	busybox	69.1 KB	Remove
eglibc	tinylogin...	3.4 MB	Remove
libacl	acl	27.3 KB	Remove
busybox-syslog	busybox	12 KB	Remove

2 'Brought by' details



3 All packages



4 By recipe

The screenshot shows the 'Hob - Image creator' window with the 'By recipe' view selected. The top right corner displays 'Packages included: 24' and 'Total image size: 6.7 MB'. The main area features a table with columns for 'Name', 'Included', and 'Size'. Below the table are navigation links: '<< Back to image configuration' and a 'Build image' button.

Name	Included	Size
▶ acl-2.2.51-r2	2 pkg	232 KB
▶ alsa-lib-1.0.24.1-r1	-----	-----
▶ alsa-utils-1.0.24.2-r3	-----	-----
▶ apmd-3.2.2-14-r1	-----	-----
▶ attr-2.4.46-r2	1 pkg	56 KB
▶ base-passwd-3.5.22-r9	1 pkg	0 KB
▶ busybox-1.19.3-r2	3 pkg	616 KB

The screenshot shows the 'HOB - Image creator' window with the 'By recipe' view selected. The top right corner displays 'Packages included: 24' and 'Total image size: 6.7 MB'. The main area features a table with columns for 'Name', 'Included', and 'Size'. Below the table are navigation links: '<< Back to image configuration' and a 'Build image' button.

Name	Included	Size
▶ acl-2.2.51-r2	2 pkg	232 KB
▶ alsa-lib-1.0.24.1-r1	---	---
▶ alsa-utils-1.0.24.2-r3	---	---
▶ apmd-3.2.2-14-r1	---	---
▶ attr-2.4.46-r2	1 pkg	56 KB
▶ base-passwd-3.5.22-r9	1 pkg	0 KB
▶ busybox-1.19.3-r2	3 pkg	616 KB
▶ busybox-1.19.3-r2	3 pkg	616 KB

Hob 1.2 screens

Packages

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5 By recipe (expanded)

The screenshot shows the 'Hob - Image creator' window with the 'Packages' section expanded. The 'By recipe' tab is selected. A summary box indicates 'Packages included: 24' and 'Total image size: 6.7 MB'. Below this, there are tabs for 'Included (24)', 'All packages', and 'By recipe', along with a search box. A table lists packages with columns for Name, Included, and Size. The 'acl-2.2.51-r2' package is expanded, showing a list of sub-packages. The 'acl' sub-package is checked for inclusion.

Name	Included	Size
acl-2.2.51-r2	2 pkg	232 KB
acl	<input checked="" type="checkbox"/>	68 KB
acl-dbg	<input type="checkbox"/>	284 KB
acl-dev	<input type="checkbox"/>	0 KB
acl-doc	<input type="checkbox"/>	120 KB
acl-locale-de	<input type="checkbox"/>	36 KB
acl-locale-es	<input type="checkbox"/>	36 KB
acl-locale-fr	<input type="checkbox"/>	36 KB

<< Back to image configuration Build image

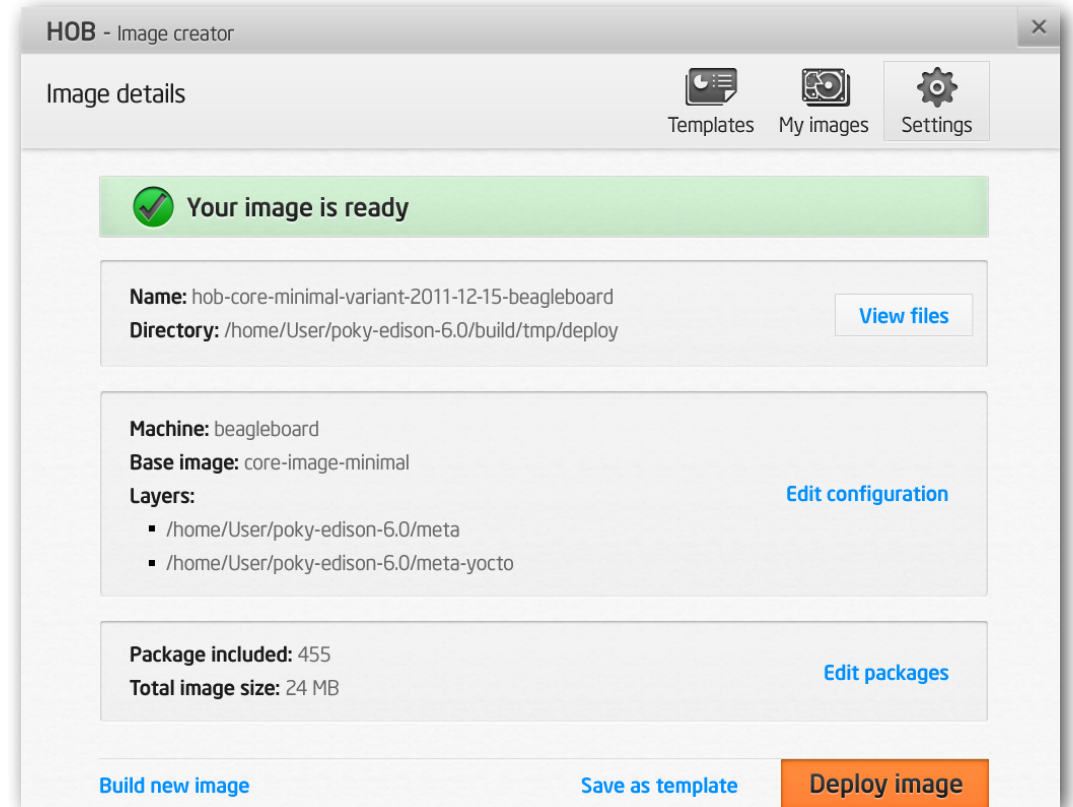
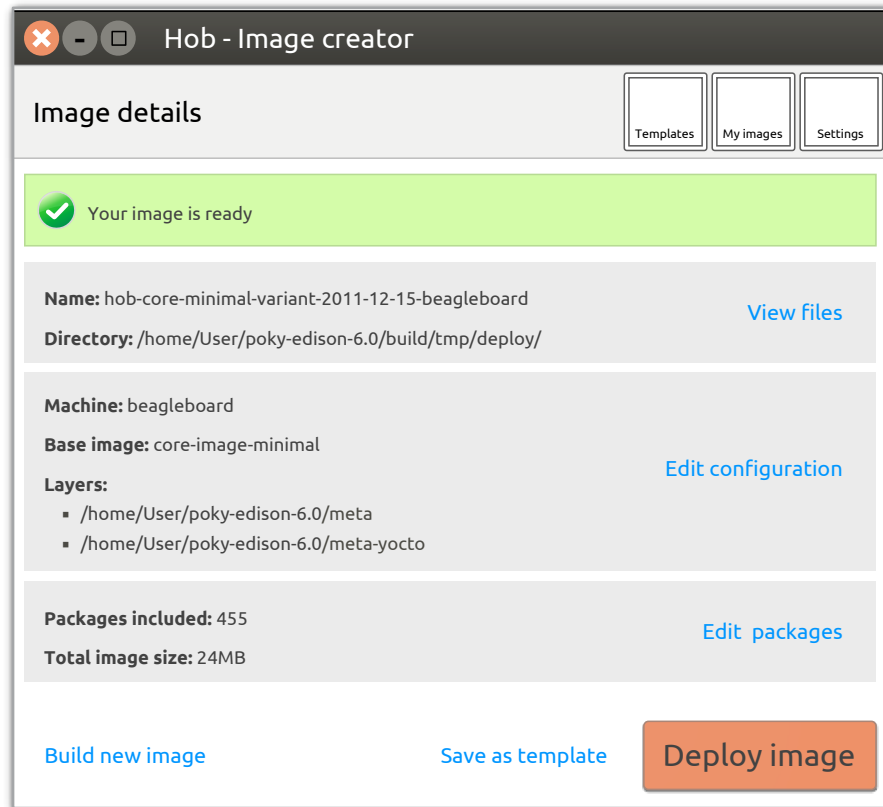
The screenshot shows the 'HOB - Image creator' window with the 'Packages' section. The 'By recipe' tab is selected. A summary box indicates 'Packages included: 24' and 'Total image size: 6.7 MB'. Below this, there are tabs for 'Included (24)', 'All packages', and 'By recipe', along with a search box. A table lists packages with columns for Name, Included, and Size. The 'acl-2.2.51-r2' package is expanded, showing a list of sub-packages. The 'acl' sub-package is checked for inclusion.

Name	Included	Size
acl-2.2.51-r2	2 pkg	232 KB
acl	<input checked="" type="checkbox"/>	68 KB
acl-dbg	<input type="checkbox"/>	100 KB
acl-dev	<input type="checkbox"/>	—
acl-doc	<input type="checkbox"/>	7 KB
acl-locale-de	<input type="checkbox"/>	4 KB
acl-locale-es	<input type="checkbox"/>	2 KB
acl-locale-fr	<input type="checkbox"/>	6 KB

<< Back to image configuration Build image

Hob 1.2 screens

Image details



Hob 1.2 screens and dialogues

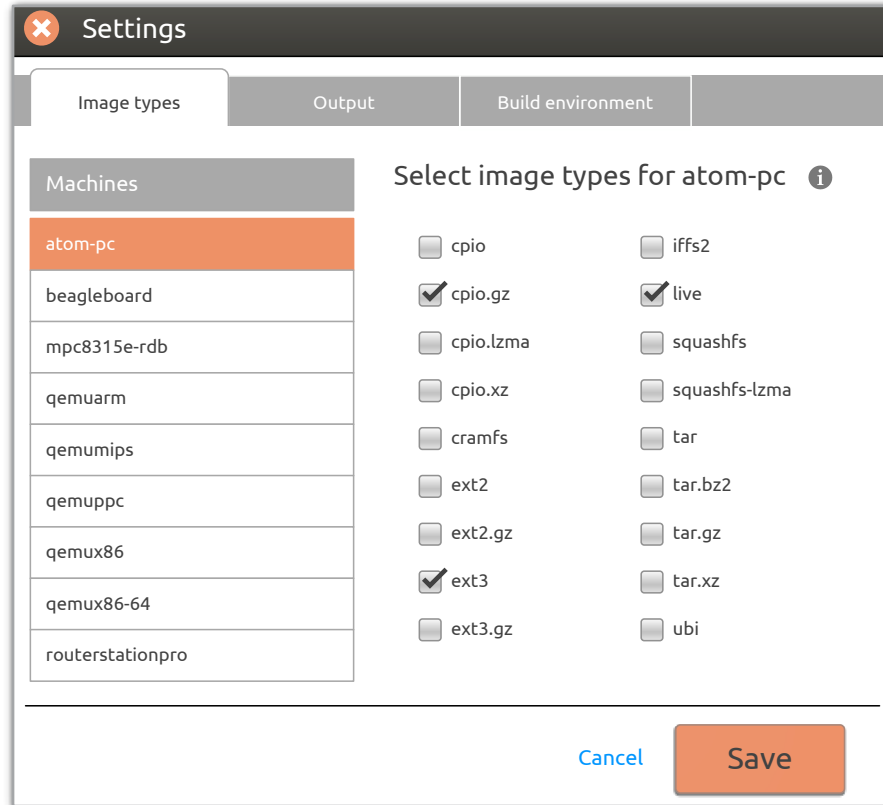
Dialogues

Hob 1.2 also includes 2 dialogues, which encapsulate specific pieces of functionality.

Below is a list of the dialogues:

- Settings
- Layers

1 'Image types' tab



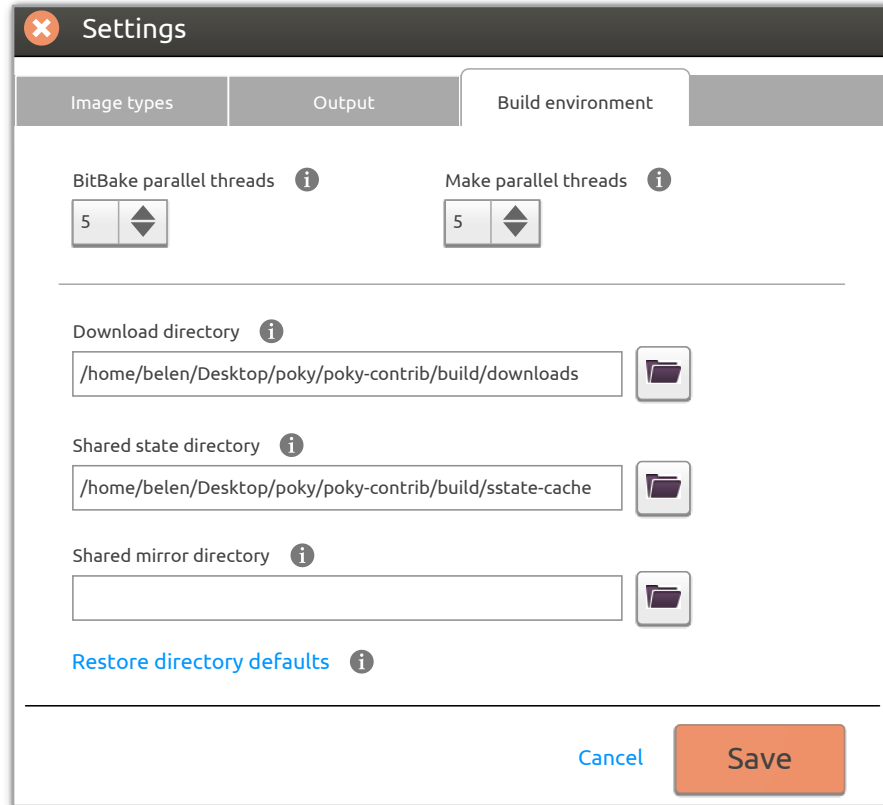
Hob 1.2 dialogues 'Settings' dialogue

2 'Output' tab

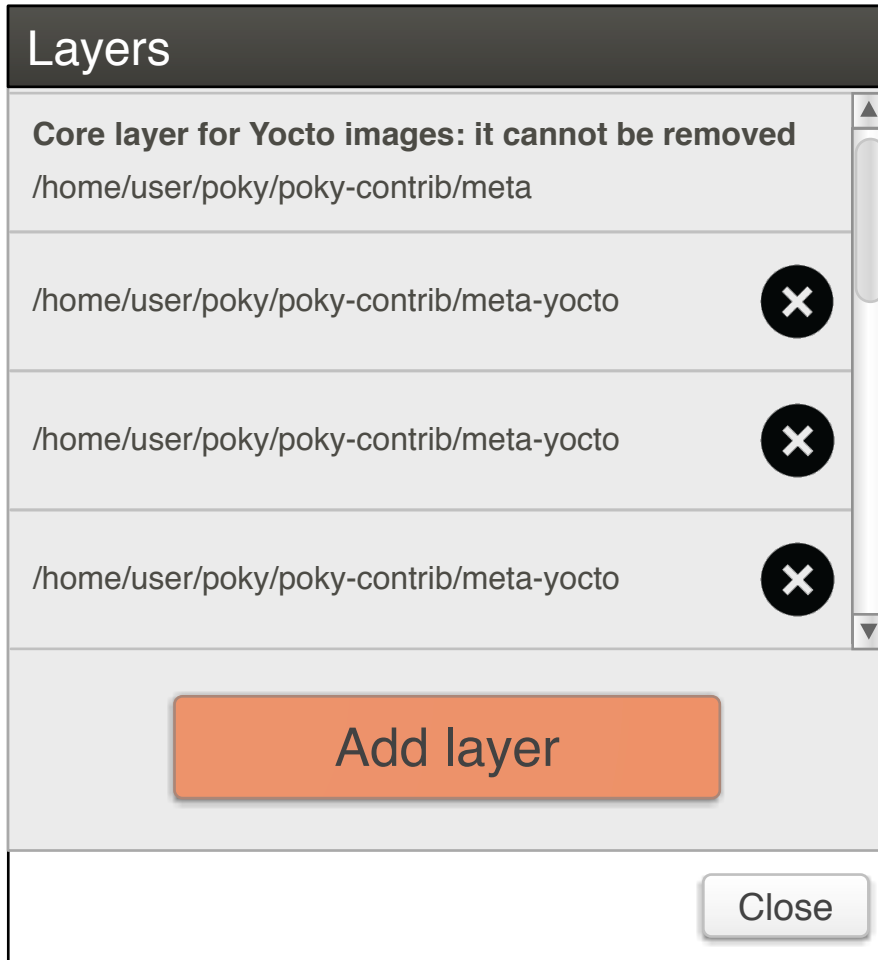
The screenshot shows a 'Settings' dialog box with a dark title bar and a close button. The 'Output' tab is selected, showing various configuration options. The 'Root file system package format' is set to 'rpm'. Under 'Additional package formats', 'deb' and 'ipk' are unchecked. 'Image basic size (in MB)' is set to 64, and 'Additional free space (in MB)' is set to 20. Both 'Exclude GPLv3 packages' and 'Build external development toolchain' are unchecked. 'Cancel' and 'Save' buttons are at the bottom right.

Setting	Value / State
Root file system package format	rpm
Additional package formats	deb (unchecked), ipk (unchecked)
Image basic size (in MB)	64
Additional free space (in MB)	20
Exclude GPLv3 packages	unchecked
Build external development toolchain	unchecked

3 'Build environment' tab

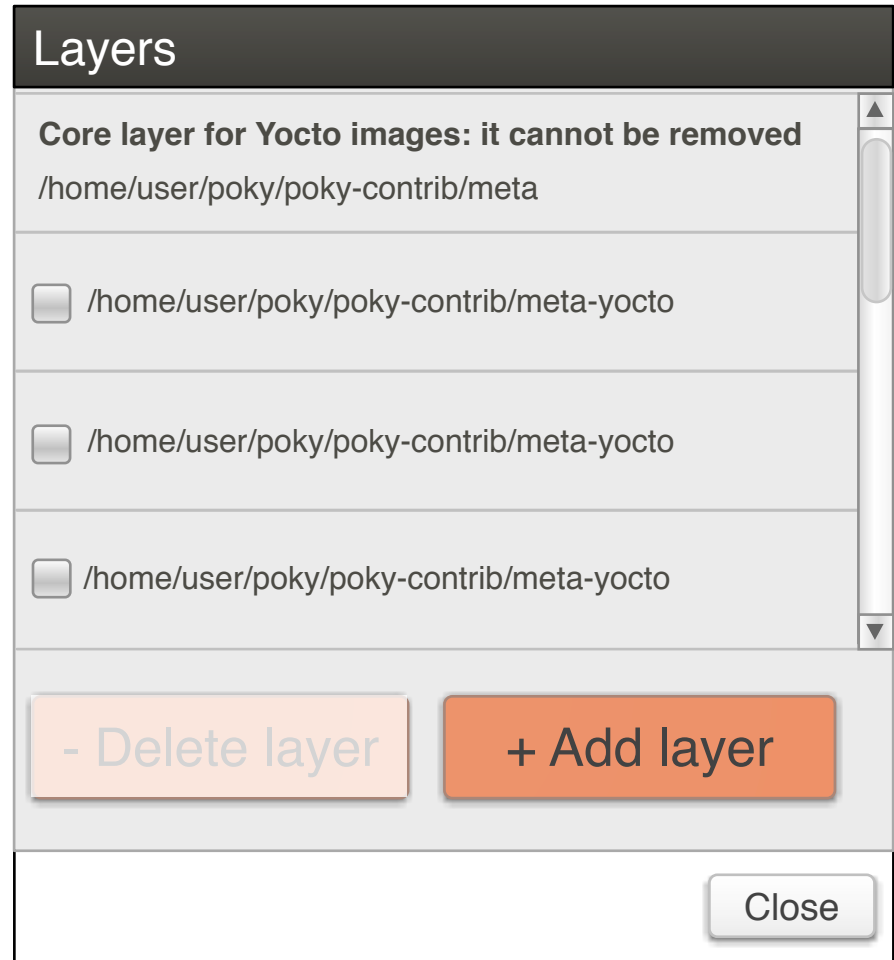


Version 1 - preferred choice



It should not be possible to delete layers that can't be removed!!

Version 2 - less elegant solution to be built only if Version 1 can't be implemented



The 'Delete Layer' button becomes active only when at least one layer is selected.