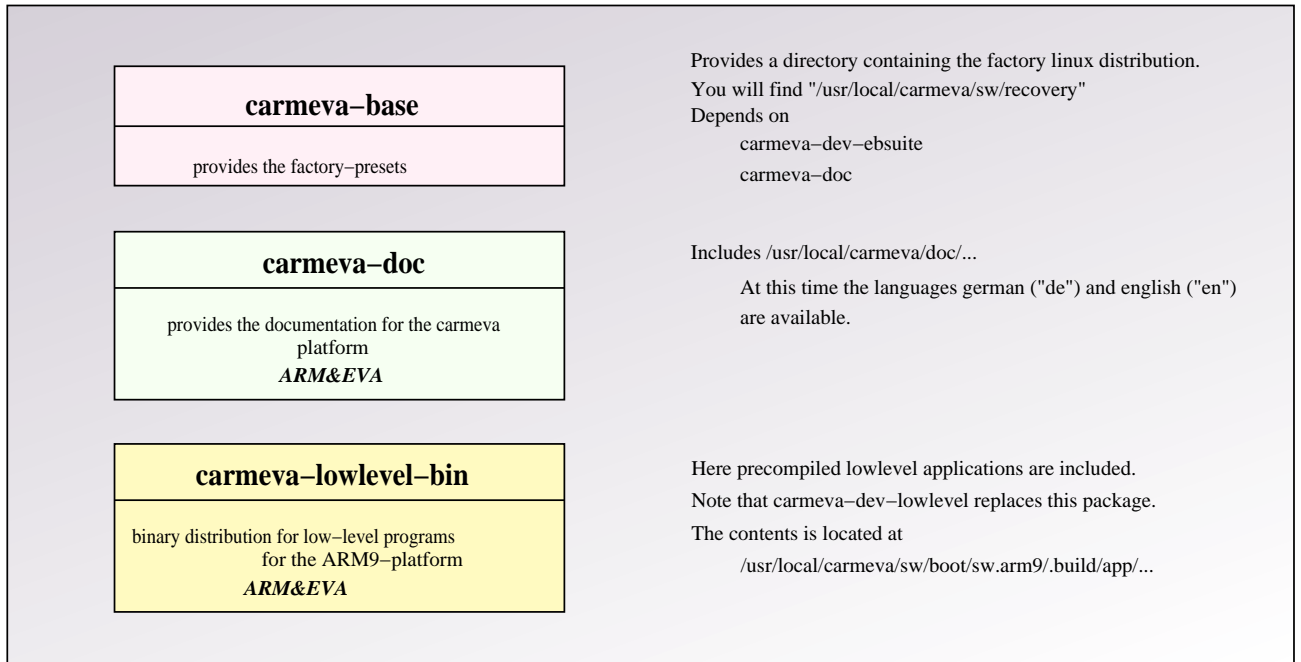


Arm&Eva package structure

Base packages



Development packages

| | |
|---|---|
| <p style="text-align: center;">carmeva-dev-hw</p> <hr/> <p>libraries / symbols for own schematics</p> | <p>/usr/local/carmeva/hw/eagle-lbr Provides symbols for the MCU-module usable for own hardware projects.</p> |
| <p style="text-align: center;">carmeva-dev-ebsuite_i386</p> <hr/> <p>Binary package containing</p> <p><i>ebStartUp</i> to start your applications via USB <i>ebFlashSetup</i> to create flash images <i>ebLinuxCmdLine</i> to prepare the linux command line</p> | <p>These programmes are required for transferring data and applications to the target. /usr/local/carmeva/bin</p> |
| <p style="text-align: center;">carmeva-dev-ebsuite-examples</p> <hr/> <p>Source package containing start scripts for ebStartUp and ebFlashSetup.</p> <p>Needs carmeva-lowlevel-bin or carmeva-lowlevel-src.</p> | <p>Provides examples for starting applications via USB and how to store them to the flash /usr/local/carmeva/sw/user-applications</p> |
| <p style="text-align: center;">carmeva-dev-cc-2.95-2.1.3_i386</p> <hr/> <p>gcc-2.95 cross compiler binary distribution for the arm9 platform</p> <p style="text-align: center;"><i>also provides glibc-2.1.3</i></p> | <p>These packages are precompiled cross-compiler for the ARM platform. They will be installed to /usr/local/carmeva/bin/compiler</p> |
| <p style="text-align: center;">carmeva-dev-cc-3.4.1-2.3.3-i386</p> <hr/> <p>gcc-3.4.1 cross compiler binary distribution for the arm9 platform</p> <p style="text-align: center;"><i>also provides glibc-2.3.3</i></p> | |
| <p style="text-align: center;">carmeva-dev-rootfs</p> <hr/> <p>All stuff you will need to build your <i>customized</i> Linux distribution</p> | <p>This also contains the free busybox - project to create small linux distributions. /usr/local/carmeva/sw/linux/prepare.rootfs/rootfs</p> |
| <p style="text-align: center;">carmeva-dev-lowlevel-src</p> <hr/> <p>Includes all sources for os <i>independend</i> software development</p> <p><i>bootloader</i> <i>memory testing</i> <i>example applications</i> <i>many more...</i></p> | <p>You will need this package to modify the lowlevel software. It depends on: gcc-2.95 cross compiler binary distribution</p> |
| <p style="text-align: center;">carmeva-dev-linux-kernel26</p> <hr/> <p>linux-kernel 2.6 with carmeva-support</p> | <p>The current linux kernel (2.6.xx) modified for the ARM&EVA platform. /usr/local/carmeva/sw/linux/prepare.kernel/kernel</p> |