

# Resume

Hans Buchmann FHNW/IME

19. Februar 2018

- ▶ Toolchain bare
- ▶ kernel
- ▶ libc
- ▶ Toolchain full
  - ▶ inkl. **C++**
- ▶ busybox
- ▶ ssh
  - ▶ Client/Server

Remark: basierend auf 17-build

## 18-resume

- ├─ SIGNATURE ..... invisible unique number
- ├─ config
- ├─ tools ..... scripts
  - ├─ *component.sh*
- ├─ build ..... data during build
  - ├─ *component*
- ├─ tc ..... toolchain
- └─ target-root

|                |             | args               |
|----------------|-------------|--------------------|
| toolchain bare | binutils.sh |                    |
|                | gcc-bare.sh |                    |
| kernel         | kernel.sh   | [bb.org_defconfig] |
|                |             | zImage             |
|                |             | dtbs               |
|                |             | headers_install    |
| libc           | glibc.sh    |                    |

|                |                | args                               |
|----------------|----------------|------------------------------------|
| toolchain full | gcc-target.sh  |                                    |
| UNIX           | busybox.sh     | [menuconfig]<br>busybox<br>install |
|                | zlib.sh        |                                    |
|                | openssl.sh     |                                    |
|                | openssh.sh     |                                    |
| toolchain-host | gcc-host.sh    |                                    |
| Distro         | target-root.sh |                                    |
|                | tc.sh          |                                    |

```
/ .....target-root on Host
├── etc
│   ├── ssh* .....private key server
│   ├── init.d
│   │   └── rcS .....init script
├── boot .....new
│   ├── zImage .....kernel
│   └── m335x-boneblack-wireless.dtb .....device tree
└── ... .....normal UNIX
```

18-resume

