

# cockpit

A systemd web based user interface for Linux servers

<b>runtime dependencies</b>	libkrb5 (Libraries/Networking)
	glib-networking (Libraries/Networking)
	libssh (Libraries/Crypto)
	openssl (Libraries/Crypto)
	json-glib (Libraries/JSON/XML)
	libpwquality (Libraries/Other)
	kexec (Debugging, profiling and benchmark)
	perl-json-tiny (Interpreter languages and scripting/Perl libraries/modules)
	<a href="#">accountsservice</a>
	<a href="#">perl-locale-po</a>
<b>make dependencies</b>	git (Development tools)
	perl-json-tiny (Interpreter languages and scripting/Perl libraries/modules)
	glib-networking (Libraries/Networking)
	libkrb5 (Libraries/Networking)
	json-glib (Libraries/JSON/XML)
	libssh (Libraries/Crypto)
	<a href="#">accountsservice</a>
	<a href="#">perl-locale-po</a>
	<a href="#">npm</a>
	gtk-doc
	intltool
	gendesk
	libgsystem
	networkmanager
	pcp
	xmlto
	libjson-glib-dev
	libpam-dev
	libkrb5-dev
	libpolkit-agent-1-dev
libssh-dev	
gobject-introspection	

```

cockpit
├── libkrb5 (Libraries/Networking)
├── glib-networking (Libraries/Networking)
├── libssh (Libraries/Crypto)
├── openssl (Libraries/Crypto)
├── json-glib (Libraries/JSON/XML)
├── libpwquality (Libraries/Other)
├── kexec (Debugging, profiling and benchmark)
├── perl-json-tiny (Interpreter languages and scripting/Perl libraries/modules)
├── accountsservice (Custom)
│   ├── libglib2 (Libraries/Other)
│   ├── libxcrypt (Libraries/Crypto)
│   ├── polkit (System tools)
│   ├── shadow
│   └── systemd (System tools)
└── perl-locale-po (Custom)

```

## Pré requis

```
apt install gtk-doc intltool libgsystem networkmanager pcp xmlto libjson-glib-dev libpam-dev libkrb5-dev libpolkit-agent-1-dev libssh-dev gobject-introspection
```

## Recette

```

mkdir /data/buildroot/package/cockpit
cat > /data/buildroot/package/cockpit/Config.in<< 'EOF'
config BR2_PACKAGE_COCKPIT
    bool "cockpit"
    depends on BR2_PACKAGE_LIBKRB5
    depends on BR2_PACKAGE_LIBSSH
    depends on BR2_PACKAGE_ACCOUNTSSERVICE
    depends on BR2_PACKAGE_PERL_JSON_TINY
    depends on BR2_PACKAGE_PERL_LOCALE_PO
    depends on BR2_PACKAGE_JSON_GLIB
    depends on BR2_PACKAGE_GLIB_NETWORKING
    depends on BR2_PACKAGE_LIBPWQUALITY
    depends on BR2_PACKAGE_OPENSSL
    depends on BR2_PACKAGE_KEXEC
    help
        REST API, command line tool and OpenStack integration plugin for
LXC.
EOF

cat > /data/buildroot/package/cockpit/cockpit.mk<< 'EOF'
#####
#
# cockpit
#
#####
COCKPIT_VERSION = 264.1

```

```

COCKPIT_SOURCE = cockpit-${COCKPIT_VERSION}.tar.xz
COCKPIT_SITE =
https://github.com/cockpit-project/cockpit/releases/download/${COCKPIT_VERSION)

COCKPIT_DEPENDENCIES = libkrb5 libssh accountsservice perl-json-tiny perl-locale-po json-glib glib-networking libpwquality openssl kexec
COCKPIT_BIN_ARCH_EXCLUDE = /usr/lib

define COCKPIT_CONFIGURE_CMDS
    cd ${@D}/ && \
    wget
https://raw.githubusercontent.com/archlinux/svntogit-community/packages/cockpit/trunk/cockpit-ws.sysuser.conf && \
    wget
https://raw.githubusercontent.com/archlinux/svntogit-community/packages/cockpit/trunk/cockpit-wsinstance.sysuser.conf && \
    wget
https://raw.githubusercontent.com/archlinux/svntogit-community/packages/cockpit/trunk/cockpit.pam && \
    sed -r '/^cmd_make_package_lock_json\b/ a exit 0' -i tools/node-modules
endef

define COCKPIT_BUILD_CMDS
    cd ${@D}/ && \
    PKG_CONFIG_PATH="$(STAGING_DIR)/lib/pkgconfig/" ./configure \
    --prefix=/usr \
    --sbindir=/usr/bin \
    --libexecdir=/usr/lib/cockpit/ \
    --sysconfdir=/etc \
    --localstatedir=/var \
    --disable-dependency-tracking \
    --disable-silent-rules \
    --disable-pcp \
    --disable-doc \
    --with-cockpit-user=cockpit-ws \
    --with-cockpit-ws-instance-user=cockpit-wsinstance && \
    make all
endef

define COCKPIT_INSTALL_TARGET_CMDS
    cd ${@D}/ && \
    make DESTDIR="$(TARGET_DIR)" install
    rm -rf "$(TARGET_DIR)"/usr/{src,lib/firewalld}
    install -Dm644 "${@D}"/cockpit.pam "$(TARGET_DIR)"/etc/pam.d/cockpit
    install -Dm644 "${@D}"/cockpit-ws.sysuser.conf
"${TARGET_DIR}"/usr/lib/sysusers.d/cockpit-ws.conf
    install -Dm644 "${@D}"/cockpit-wsinstance.sysuser.conf
"${TARGET_DIR}"/usr/lib/sysusers.d/cockpit-wsinstance.conf
    echo "z /usr/lib/cockpit/cockpit-session - - cockpit-wsinstance -" >>
"${TARGET_DIR}"/usr/lib/tmpfiles.d/cockpit-tempfiles.conf

```

```
#install -Dm644 cockpit.desktop
"${TARGET_DIR}"/usr/share/applications/org.cockpit_project.CockpitClient.desktop
# remove unused plugins
rm -rf "${TARGET_DIR}"/usr/share/cockpit/{selinux,playground,sosreport} \
    "${TARGET_DIR}"/usr/share/metainfo/org.cockpit-project.cockpit-
{selinux,sosreport}.metainfo.xml
endif

define COCKPIT_USERS
    cockpit-wsinstance -1 cockpit-wsinstance -1 = - - - cockpit wsinstance
endif

$(eval $(generic-package))
EOF

sed -i '/menu "Custom packages"/a source "package/cockpit/Config.in"'
/data/buildroot/package/Config.in
```

From:

<http://www.ouarte.garden/> - **dwndoc**

Permanent link:

<http://www.ouarte.garden/doku.php?id=buildroot:cockpit>

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