

GIMP

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Postanowiłem zainstalować edytor obrazów GIMP, pierwotnie miał być on zainstalowany na dystrybucji Slackware, jednak napotkałem problemy z komendą *slapt-get*, więc przesiadłem się na Debian.

1. Pobranie plików źródłowych za pomocą komendy *wget*, i rozpakowanie za pomocą *tar*

```
root@slack:/usr# wget https://download.gimp.org/mirror/pub/gimp/v2.10/gimp-2.10.30.tar.bz2
--2022-07-03 01:10:43-- https://download.gimp.org/mirror/pub/gimp/v2.10/gimp-2.10.30.tar.bz2
Translacja download.gimp.org (download.gimp.org)... 8.43.85.16
Początek pobierania z download.gimp.org (download.gimp.org) [18.43.85.16]:443... połączono.
Początek HTTP wysłano, oczekiwanie na odpowiedź... 307 Temporary Redirect
Lokalizacja: https://ftp.fau.de/gimp/gimp/v2.10/gimp-2.10.30.tar.bz2 [podłączenie]
--2022-07-03 01:10:44-- https://ftp.fau.de/gimp/gimp/v2.10/gimp-2.10.30.tar.bz2
Translacja ftp.fau.de (ftp.fau.de)... 131.188.12.211, 2001:638:a000:1021:21::1
Początek pobierania z ftp.fau.de (ftp.fau.de) [131.188.12.211]:443... połączono.
Początek HTTP wysłano, oczekiwanie na odpowiedź... 200 OK
Długość: 31731327 (30M) [application/x-bzip2]
Zapis do: `gimp-2.10.30.tar.bz2.1'

gimp-2.10.30.tar.bz2.1 100%[=====>] 30,26M 13,1MB/s w 2,3s

2022-07-03 01:10:46 (13,1 MB/s) - zapisano `gimp-2.10.30.tar.bz2.1' [31731327/31731327]

root@slack:/usr#
```

Widok wewnątrz rozpakowanego archiwum

```
root@slack:/usr/gimp-2.10.30# ls
AUTHORS          INSTALL.in       README.i18n     config.h.win32  gimp.pc.in      libgimpmodule/  po-plugin-ins/
COPYING          LICENSE         acinclude.m4    config.sub*      gimpthumb.pc.in libgimpthumb/   po-python/
ChangeLog        Makefile.am     app/            configure*       gimpui.pc.in   libgimpuiwidgets/ po-script-fu/
ChangeLog.pre-1-0 NEWS           app-tools/      cursors/         git-version.h   libgimpwidgets/ po-tips/
ChangeLog.pre-1-2 NEWS.pre-2-0    authors.dtd     data/            gtk-doc.make    libgimpwidgets/ po-windows-installer/
ChangeLog.pre-2-0 NEWS.pre-2-0    authors.xml     desktop/         icons/           libgimpwidgets/ py-compile*
ChangeLog.pre-2-2 NEWS.pre-2-2    authors.xsl     devel-docs/      install-sh*     libgimpwidgets/ test-driver*
ChangeLog.pre-2-4 NEWS.pre-2-4    build/          docs/            libgimp/        libgimpwidgets/ themes/
ChangeLog.pre-2-6 NEWS.pre-2-6    compile*        etc/             libgimpbase/    libgimpwidgets/ tools/
ChangeLog.pre-git NEWS.pre-2-8    config.guess*   gimp-zip.in*     libgimpcolor/   po/
CHECKING         README         config.h.in     gimp-zip.in*     libgimpconfig/  po-libgimp/
INSTALL          README         config.h.in     gimp-zip.in*     libgimpmath/    po-libgimp/

root@slack:/usr/gimp-2.10.30#
```

2.Instrukcja

Na początek wyświetlam plik `INSTALL`.

```
GNU nano 6.0                                INSTALL
-----
Installation instructions for GIMP 2.10
-----

There are some basic steps to building and installing GIMP.

GIMP 2.10 replaces earlier GIMP 2.x versions. It is advised that you
uninstall them before installing GIMP 2.10. If you want to keep your
older GIMP 2.x installation in parallel to GIMP 2.10, you have to
choose a separate prefix which is not in your default library search
path.

GIMP 2.10 is fully backward compatible to all earlier GIMP 2.x version.
Plug-ins and scripts written for GIMP 2.8, 2.6 or earlier GIMP 2.x
versions will continue to work and don't need to be changed nor
recompiled to be used with GIMP 2.10.

The most important part is to make sure the requirements for a build
are fulfilled. We depend on a number of tools and libraries which are
listed below. For libraries this means you need to also have the
header files installed.

████████████████████████████████████████████████████████████████████████████████
* Unless you are experienced with building software from source, *
* you should not attempt to build all these libraries yourself! *
* We suggest that you check if your distributor has development *
* packages of them and use these instead. *
████████████████████████████████████████████████████████████████████████████████

1. You need to have installed a recent version of pkg-config (>= 2.0) available
   from https://www.freedesktop.org/software/pkgconfig/.

2. You need intltool (at least 0.40.1, but preferably a newer version).
   Intltool can be downloaded from
   https://ftp.gnome.org/pub/gnome/sources/intltool/
   You also need gettext version 0.19 or over. Earlier gettext had
   issues with script-fu localization, ending up in incomplete GIMP localization.

3. You need to have GEGL version 0.4.34 or newer and babl version
   0.1.78 or newer. You can get them from https://gegl.org/ or clone
   them from the GNOME git repository:
```

Skroluje zawartość pliku aż znajduje punkt 19, w którym jest lista wymaganych paczek i ich wersji.

19. Summary of required packages and what version you need:

Package Name	Version
ATK	2.2.0
babl	0.1.78
cairo	1.12.2
Fontconfig	2.12.4
freetype2	2.1.7
GDK-PixBuf	2.30.8
GEGL	0.4.34
GIO	
Glib	2.56.2
glib-networking	
GTK+	2.24.32
HarfBuzz	0.9.19
libbzip2	
libjpeg	
liblzma	5.0.0
libmypaint	1.3.0
libpng	1.6.25
libpoppler-glib	0.50.0
librsvg	2.40.6
libtiff	
Little CMS	2.8
mypaint-brushes-1.0	
pangocairo	1.29.4
poppler-data	0.4.7
zlib	

W punkcie 20 i 21 znajduje się dodatkowa lista paczek opcjonalnych i zależności, będę je instalować dopiero, gdy napotkam jakiegokolwiek problemy po zainstalowaniu wymaganych paczek.

20. Summary of optional packages:

Package Name	Version	Feature
cairo-pdf	1.12.2	PDF export
ExchHnd1	-	Crash logs on Windows with Dr. MinGW
gs	-	ghostscript
libaa	-	ASCII art
libheif	1.3.2	HEIF
libmng	-	MNG
libwebp	0.6.0	WebP (built with --enable-libwebpmux and --enable-libwebpdemux)
libwmf	0.2.8	WMF
libXcursor	-	X11 Mouse Cursor
libxpm	-	XPM
openexr	1.6.1	OpenEXR
OpenJPEG	2.1.0	JPEG 2000
python 2	2.5.0	Python plug-ins
webkit	1.6.1	Help browser & webpage

21. Summary of optional runtime dependencies:

darktable >= 1.7, with lua support enabled for raw loading
RawTherapee >= 5.2 for raw loading
xdg-email for sending emails
sendmail for sending emails if --with-sendmail enabled
gdb or lldb for our new bug-reporting dialog
"gegl:matting-levin" GEGL operation for alternative matting engine

3.Instalacja pakietów (dystrybucja została zmieniona na Debian)

Instaluje wymagane zależności z instrukcji, niektóre z nich są domyślnie zainstalowane w systemie (m.in. ATK, FONTCONFIG, LIBGLIB, LIBHFARBUZZ, GLIB NETWORKING, LIB PNG)

, więc nie będę wrzucał ich screenshotów.

ATK – zainstalowane domyślnie

Libatk1.0-dev

```
patryk@debian: ~/gimp-2.10.30
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libatk1.0-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
libatk1.0-dev is already the newest version (2.36.0-2).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@debian:/home/patryk/gimp-2.10.30#
```

Libcairo2-dev

```
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libcairo2-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libbrotli-dev libcairo-script-interpreter2 libexpat1-dev libfontconfig-dev
  libfontconfig1-dev libfreetype-dev libfreetype6-dev libice-dev
  libpixman-1-dev libpng-dev libpng-tools libpthread-stubs0-dev libsm-dev
  libx11-dev libxau-dev libxcb-render0-dev libxcb-shm0-dev libxcb1-dev
  libxdmcp-dev libxext-dev libxrender-dev x11proto-dev x11proto-xext-dev
  xorg-sgml-doctools xtrans-dev
Suggested packages:
  libcairo2-doc freetype2-doc libice-doc libsm-doc libx11-doc libxcb-doc
  libxext-doc
The following NEW packages will be installed:
  libbrotli-dev libcairo-script-interpreter2 libcairo2-dev libexpat1-dev
  libfontconfig-dev libfontconfig1-dev libfreetype-dev libfreetype6-dev
  libice-dev libpixman-1-dev libpng-dev libpng-tools libpthread-stubs0-dev
  libsm-dev libx11-dev libxau-dev libxcb-render0-dev libxcb-shm0-dev
```

Libbabi-dev

```
patryk@debian: ~/gimp-2.10.30
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libbabl-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  gir1.2-babl-0.1 libbabl-0.1-0 liblcms2-dev
The following NEW packages will be installed:
  gir1.2-babl-0.1 libbabl-0.1-0 libbabl-dev liblcms2-dev
0 upgraded, 4 newly installed, 0 to remove and 0 not upgraded.
Need to get 2,197 kB of archives.
After this operation, 3,109 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

Freetype2

```
root@debian:/home/patryk/gimp-2.10.30# sudo apt install freetype2-demos
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  freetype2-demos
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 250 kB of archives.
After this operation, 1,103 kB of additional disk space will be used.
Get:1 http://deb.debian.org/debian bullseye/main amd64 freetype2-demos amd64 2.10.4+dfsg-1 [250 kB]
```

Pixbuffer

```
patryk@debian: ~/gimp-2.10.30
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libgdk-pixbuf2.0-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libgdk-pixbuf-2.0-dev libgdk-pixbuf-xlib-2.0-dev
The following NEW packages will be installed:
  libgdk-pixbuf-2.0-dev libgdk-pixbuf-xlib-2.0-dev libgdk-pixbuf2.0-dev
0 upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 87.4 kB of archives.
After this operation, 498 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Libgegl-dev

```
patryk@debian: ~/gimp-2.10.30
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libgegl-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  gir1.2-gegl-0.4 libamd2 libcamd2 libccolamd2 libcholmod3 libgegl-0.4-0
  libgegl-common libjson-glib-dev libmetis5 libumfpack5
Suggested packages:
  libjson-glib-doc
The following NEW packages will be installed:
  gir1.2-gegl-0.4 libamd2 libcamd2 libccolamd2 libcholmod3 libgegl-0.4-0
  libgegl-common libgegl-dev libjson-glib-dev libmetis5 libumfpack5
0 upgraded, 11 newly installed, 0 to remove and 0 not upgraded.
Need to get 2,801 kB of archives.
After this operation, 12.8 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Libgtk

```
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libgtk2.0-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  autoconf automake autopoint autotools-dev binutils binutils-common
  binutils-x86-64-linux-gnu build-essential debhelper dh-autoreconf
  dh-strip-nondeterminism dpkg-dev dwz fakeroot g++ g++-10 gcc gcc-10 gettext
  gir1.2-gtk-2.0 icu-devtools intltool-debian libalgorithm-diff-perl
  libalgorithm-diff-xs-perl libalgorithm-merge-perl libarchive-cpio-perl
  libarchive-zip-perl libasan6 libbinutils libcc1-0 libctf-nobfd0 libctf0
  libdatrie-dev libdebhelper-perl libfakeroot libfile-stripnondeterminism-perl
  libfribidi-dev libgcc-10-dev libgraphite2-dev libharfbuzz-dev
  libharfbuzz-gobject0 libicu-dev libitm1 liblsan0 libltdl-dev
  libmail-sendmail-perl libpango1.0-dev libsigsegv2 libstdc++-10-dev
  libsub-override-perl libsys-hostname-long-perl libthai-dev libtool libtsan0
  libubsan1 libxcomposite-dev libxcursor-dev libxdamage-dev libxf86-dev
```

Libharfbuzz zainstalowany domyślnie

Libbz2

```
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libbz2-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  bzip2-doc
The following NEW packages will be installed:
  bzip2-doc libbz2-dev
0 upgraded, 2 newly installed, 0 to remove and 0 not upgraded.
Need to get 544 kB of archives.
After this operation, 724 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Sudo apt Install libjpeg-dev

```
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libjpeg-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libjpeg62-turbo-dev
The following NEW packages will be installed:
  libjpeg-dev libjpeg62-turbo-dev
0 upgraded, 2 newly installed, 0 to remove and 0 not upgraded.
Need to get 346 kB of archives.
After this operation, 1,114 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Libmypaint

```
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libmypaint-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  gir1.2-mypaint-1.5 libjson-c-dev libmypaint-1.5-1 libmypaint-common
Suggested packages:
  libmypaint-doc
The following NEW packages will be installed:
  gir1.2-mypaint-1.5 libjson-c-dev libmypaint-1.5-1 libmypaint-common
  libmypaint-dev
0 upgraded, 5 newly installed, 0 to remove and 0 not upgraded.
Need to get 292 kB of archives.
After this operation, 1,698 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Libpoppler

```
patryk@debian: ~/gimp-2.10.30
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libpoppler-glib-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  gir1.2-poppler-0.18 libpoppler-dev
Suggested packages:
  libpoppler-glib-doc
The following NEW packages will be installed:
  gir1.2-poppler-0.18 libpoppler-dev libpoppler-glib-dev
0 upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 146 kB of archives.
After this operation, 913 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Librsvg2

```
root@debian:/home/patryk/gimp-2.10.30# sudo apt install librsvg2-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
  librsvg2-doc
The following NEW packages will be installed:
  librsvg2-dev
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 58.4 kB of archives.
```

Libtiff

```
patryk@debian: ~/gimp-2.10.30
root@debian:/home/patryk/gimp-2.10.30# sudo apt install libtiff-dev
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libdeflate-dev libjbig-dev liblzma-dev libtiffxx5
Suggested packages:
  liblzma-doc
The following NEW packages will be installed:
  libdeflate-dev libjbig-dev liblzma-dev libtiff-dev libtiffxx5
0 upgraded, 5 newly installed, 0 to remove and 0 not upgraded.
Need to get 850 kB of archives.
After this operation, 2,213 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Mypaintbrushes


```

root@debian:/home/patryk/gimp-2.10.30# sudo apt install mypaint-brushes
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  mypaint-brushes
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 1,500 kB of archives.
After this operation, 5,823 kB of additional disk space will be used.
Get:1 http://deb.debian.org/debian bullseye/main amd64 mypaint-brushes all 2.0.2+ds1-1 [1,500 kB]
Fetched 1,500 kB in 0s (3,317 kB/s)
Selecting previously unselected package mypaint-brushes.
(Reading database ... 151759 files and directories currently installed.)
Preparing to unpack .../mypaint-brushes_2.0.2+ds1-1_all.deb ...
Unpacking mypaint-brushes (2.0.2+ds1-1) ...
Setting up mypaint-brushes (2.0.2+ds1-1) ...
root@debian:/home/patryk/gimp-2.10.30# █

```

Instalacja.

Po odpaleniu `./configure` dostałem odpowiedź zwrotną z błędami o brakujących zależnościach,

Instaluje brakujące zależności.

Gegl- wersja zbyt stara

Gexiv – brak

Python 2 - dziwne, że GIMP potrzebuje pythona.

```

Error: GIMP configuration failed.

- Error: missing dependency gegl-0.4 >= 0.4.34
- Error: missing dependency gegl
  *** Could not find native gegl executable in your PATH.
- Error: missing dependency gexiv2 >= 0.10.6
- Python 2 (2.5.0 or newer)
  *** Please install it, or skip building the python scripting extension by
  *** passing --disable-python to configure (but then you will not be able
  *** to use scripts for GIMP that are written in Python).
- Python 2 headers
  *** Please install them, or skip building the python scripting extension b
y
  *** passing --disable-python to configure (but then you will not be able
  *** to use scripts for GIMP that are written in Python).
- PyGTK 2.10.4 or newer
  *** Please install it, or skip building the python scripting extension by
  *** passing --disable-python to configure (but then you will not be able

```

Po zainstalowaniu brakujących zależności odpalam plik `configure` jeszcze raz, tym razem nie rozumiem dlaczego pojawia się następujący błąd z pythonem

```

Error: GIMP configuration failed.

- Error: missing dependency gegl-0.4 >= 0.4.34
- Python 2 headers
  *** Please install them, or skip building the python scripting extension b
y
  *** passing --disable-python to configure (but then you will not be able
  *** to use scripts for GIMP that are written in Python).
- PyGTK 2.10.4 or newer
  *** Please install it, or skip building the python scripting extension by
  *** passing --disable-python to configure (but then you will not be able
  *** to use scripts for GIMP that are written in Python).
- pygtk-codegen-2.0 script
  *** Please install it, or skip building the python scripting extension by
  *** passing --disable-python to configure (but then you will not be able
  *** to use scripts for GIMP that are written in Python).
- PyCairo 1.0.2 or newer
  *** Please install it, or skip building the python scripting extension by
  *** passing --disable-python to configure (but then you will not be able
  *** to use scripts for GIMP that are written in Python).

See the file 'INSTALL' for more help.
root@debian:/home/patryk/gimp-2.10.30#

```

Ale zgodnie ze wskazówkami użyję flagi `--disable-python`, nie mam pomysłu dlaczego to nie chce działać mimo tego że przed chwilą Python został zainstalowany, dodatkowa wersja gegla nie została zaktualizowana więc zrobię to ręcznie, na początek usunę go za pomocą komendy `apt remove gegl`

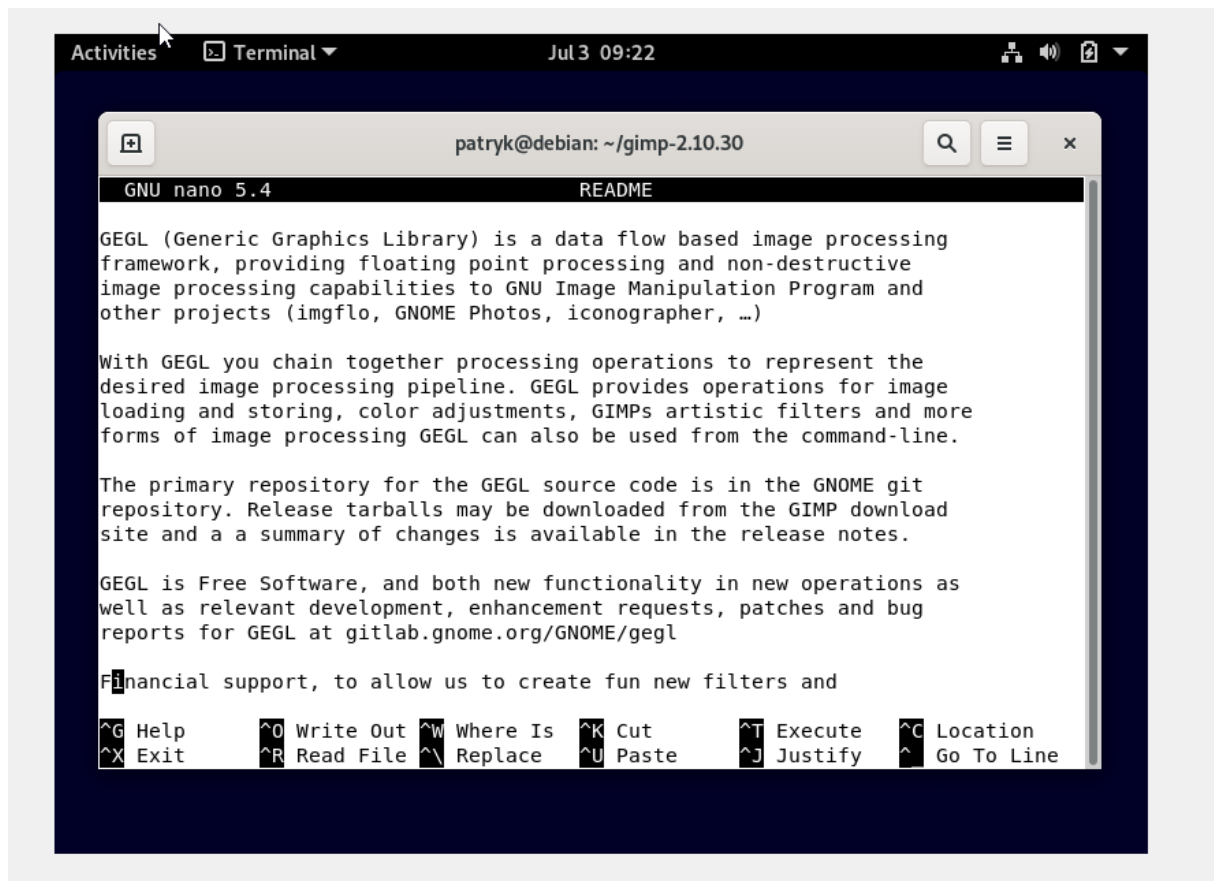
A następnie pobiorę wymagana wersje za pomocą `wget`

```

root@debian:/home/patryk# ls
Desktop    gegl-0.4.34.tar.xz    Music      Templates
Documents  gimp-2.10.30          Pictures    Videos
Downloads  gimp-2.10.30.tar.bz2  Public
root@debian:/home/patryk#

```

Gegl został pobrany czas na rozpakowanie, jednak w pliku readme nie ma poradnika jak zbudować gegl więc przeszukuje Internet i znajduje poradnik.



\$ meson _build

```
root@debian: /home/patryk/gegl-0.4.34# meson _build
The Meson build system
Version: 0.56.2
Source dir: /home/patryk/gegl-0.4.34
Build dir: /home/patryk/gegl-0.4.34/_build
Build type: native build
Project name: gegl
Project version: 0.4.34
C compiler for the host machine: cc (gcc 10.2.1 "cc (Debian 10.2.1-6) 10.2.1 10110")
C linker for the host machine: cc ld.bfd 2.35.2
C++ compiler for the host machine: c++ (gcc 10.2.1 "c++ (Debian 10.2.1-6) 10.2.1 20210110")
C++ linker for the host machine: c++ ld.bfd 2.35.2
Host machine cpu family: x86_64
Host machine cpu: x86_64
Program python3 found: YES (/usr/bin/python3)
Compiler for C supports arguments -DHAVE_CONFIG_H: YES
Compiler for C supports arguments -Ofast: YES
Compiler for C supports arguments -DGEGL_ENABLE_DEBUG: YES
Compiler for C supports arguments -Winit-self: YES
Compiler for C supports arguments -Wmissing-declarations: YES
Compiler for C supports arguments -Wpointer-arith: YES
Compiler for C supports arguments -Wno-deprecated-declarations: YES
```

\$ ninja -C _build

```
patryk@debian: ~
root@debian:/home/patryk/gegl-0.4.34# ninja -C _build
ninja: Entering directory `_build'
[110/753] Compiling C object gegl/libg...33.1.p/buffer_gegl-buffer-iterator.c.o
```

\$ sudo ninja -C _build Install

```
Activities Terminal Jul 3 09:30
patryk@debian: ~
pt/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/pt_BR.gmo to /usr/local/share/locale/pt_BR/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/ro.gmo to /usr/local/share/locale/ro/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/ru.gmo to /usr/local/share/locale/ru/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/sk.gmo to /usr/local/share/locale/sk/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/sl.gmo to /usr/local/share/locale/sl/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/sr.gmo to /usr/local/share/locale/sr/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/sr@latin.gmo to /usr/local/share/locale/sr@latin/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/sv.gmo to /usr/local/share/locale/sv/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/tr.gmo to /usr/local/share/locale/tr/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/uk.gmo to /usr/local/share/locale/uk/LC_MESSAGES/gegl-0.4.mo
Installing /home/patryk/gegl-0.4.34/_build/po/zh_CN.gmo to /usr/local/share/locale/zh_CN/LC_MESSAGES/gegl-0.4.mo
root@debian:/home/patryk/gegl-0.4.34#
```

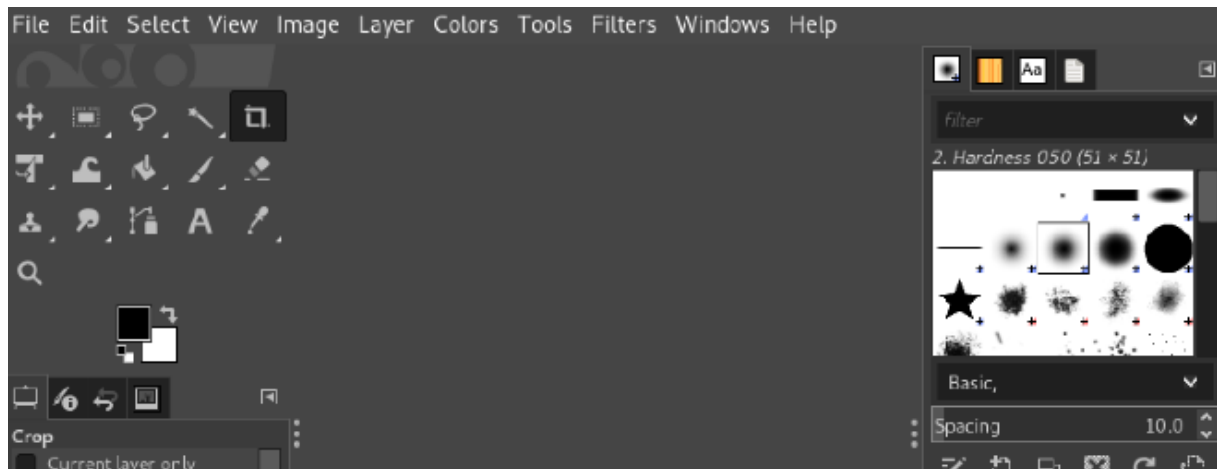
Po wykonaniu poprzednich komend ./configure działa

```
patryk@debian: ~  
WMF: no (libwmf not found)  
X11 Mouse Cursor: yes  
XPM: no (XPM library not found)  
Email: yes (xdg-email)  
  
Optional Modules:  
  ALSA (MIDI Input): no (libasound not found or unusable)  
  Linux Input: yes (GUdev support: no (libgudev not found))  
  DirectInput (Win32): no  
  
Tests:  
  Use xvfb-run no (not found)  
  Test appdata no (appstream-util not found)  
  Test desktop file yes  
  
Bug report URL: https://gitlab.gnome.org/GNOME/gimp/issues/new  
  
NOTE: if you plan on packaging GIMP for distribution, it is recommended  
      to override the bug report URL with option:  
      --with-bug-report-url=https://example.com/  
      so that you can filter packaging bugs from core bugs before  
      reporting upstream.  
  
root@debian:/home/patryk/gimp-2.10.30#
```

Następnym krokiem jest kompilacja za pomocą komendy *make -j4*, po kompilacji która trwała ponad 10 minut, co jest bardzo dziwne czas na instalację za pomocą komendy *sudo make Install*

```
Activities Terminal Jul 3 09:54  
patryk@debian: ~  
make[3]: Entering directory '/home/patryk/gimp-2.10.30/build/windows'  
make[4]: Entering directory '/home/patryk/gimp-2.10.30/build/windows'  
make[5]: Entering directory '/home/patryk/gimp-2.10.30/build/windows'  
make[5]: Nothing to be done for 'install-exec-am'.  
make[5]: Nothing to be done for 'install-data-am'.  
make[5]: Leaving directory '/home/patryk/gimp-2.10.30/build/windows'  
make[4]: Leaving directory '/home/patryk/gimp-2.10.30/build/windows'  
make[3]: Leaving directory '/home/patryk/gimp-2.10.30/build/windows'  
make[3]: Entering directory '/home/patryk/gimp-2.10.30/build'  
make[4]: Entering directory '/home/patryk/gimp-2.10.30/build'  
make[4]: Nothing to be done for 'install-exec-am'.  
make[4]: Nothing to be done for 'install-data-am'.  
make[4]: Leaving directory '/home/patryk/gimp-2.10.30/build'  
make[3]: Leaving directory '/home/patryk/gimp-2.10.30/build'  
make[2]: Leaving directory '/home/patryk/gimp-2.10.30/build'  
make[2]: Entering directory '/home/patryk/gimp-2.10.30'  
make[3]: Entering directory '/home/patryk/gimp-2.10.30'  
make[3]: Nothing to be done for 'install-exec-am'.  
  /usr/bin/mkdir -p '/usr/local/lib/pkgconfig'  
  /usr/bin/install -c -m 644 gimp-2.0.pc gimpthumb-2.0.pc gimpui-2.0.pc '/usr/local/lib/pkgconfig'  
make[3]: Leaving directory '/home/patryk/gimp-2.10.30'  
make[2]: Leaving directory '/home/patryk/gimp-2.10.30'  
make[1]: Leaving directory '/home/patryk/gimp-2.10.30'  
root@debian:/home/patryk/gimp-2.10.30#
```

Po wpisaniu w terminal komendy *gimp* pojawia się następujące okno



Wnioski:

Proces konfiguracji był strasznie długi i trudny, ogromna ilość zależności do zainstalowania, dodatkowo gegl nie posiadał w instrukcji żadnych przydatnych informacji na temat instalacji więc wymagane było poszukiwanie się Internet. Błędy z pythonem2 których nie rozumiem, nie mam pomysłu dlaczego po instalacji pythona2 *./configure* nadal nie działało, gdyby nie opcja wyłączająca pythona prawdopodobnie nie udało by mi się zainstalować GIMP.