

Beyond Linux® From Scratch (systemd Edition) - Version 12.1		
Chapter 13. Programming		
GDB-14.1	/	

Git-2.44.0

Git

Git

Git

- . Git [Mercurial-6.6.3](#), Bazaar, [Subversion-1.14.3](#), [CVS](#), Perforce, Team Foundation Server
가

LFS 12.1

- (HTTP): [git-2.44.0.tar.xz](#)
- MD5 Sum: 7e4eb7c45e9ba7c90fa51deeeaa49732f
- : 7.1 MB
- : 307 MB (, 18 MB 가)
- : 0.3 SBU (=4, 0.4 SBU 가, 5 SBU ())

가

- [git-manpages-2.44.0.tar.xz](#) ([asciidoc-10.2.0](#), [xmlto-0.0.28](#))
- [git-htmldocs-2.44.0.tar.xz](#) ([asciidoc-10.2.0](#)).

Git

- [cURL-8.6.0](#) http, https, ftp Git
- [Apache-2.4.58](#)
- [Fcron-3.2.1](#) , git
- [GnuPG-2.4.4](#) , Git

Last update: beyondlinuxfromscratch:installedpackages:git-2.44.0 https://gamu.kr/dokuwiki/beyondlinuxfromscratch/installedpackages/git-2.44.0
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- OpenSSH-9.6p1 , ssh Git
- pcre2-10.42 PCRE-8.45
- Subversion-1.14.3 Perl , , git svn
- Tk-8.6.13 Git gitk Tk
- Valgrind-3.22.0
- SASL , git send-email
- Base64 , git send-email
- IO-Socket-SSL-2.085 , SSL SMTP git send-email
- Systemd-255 , Linux-PAM-1.6.0 , git

(man, html,)

- xmlto-0.0.28
- asciidoc-10.2.0
- dblatex PDF
- docbook2x

Git

Git

```
./configure --prefix=/usr \
            --with-gitconfig=/etc/gitconfig \
            --with-python=python3 &&
make
```

/ HTML
가

asciidoc-10.2.0 man html

```
make html
```

asciidoc-10.2.0 xmlto-0.0.28 man

```
make man
```

make
test -k |& tee test.log. 가 ,
test.log | grep -v TODO grep '^not ok'
root

```
make perllibdir=/usr/lib/perl5/5.38/site_perl install
```

man page, HTML

root man .

```
make install-man
```

root html .

```
make htmlldir=/usr/share/doc/git-2.44.0 install-html
```

man page, html

man page *root* .

```
tar -xf ../git-manpages-2.44.0.tar.xz \
-C /usr/share/man --no-same-owner --no-overwrite-dir
```

html *root* .

```
mkdir -vp /usr/share/doc/git-2.44.0 &&
tar -xf ../git-htmldocs-2.44.0.tar.xz \
-C /usr/share/doc/git-2.44.0 --no-same-owner --no-overwrite-dir &&

find /usr/share/doc/git-2.44.0 -type d -exec chmod 755 {} \; &&
find /usr/share/doc/git-2.44.0 -type f -exec chmod 644 {} \;
```

html-docs html ()

html-docs . *root*

```
mkdir -vp /usr/share/doc/git-2.44.0/man-pages/{html,text} &&
mv /usr/share/doc/git-2.44.0/{git*.txt,man-pages/text} &&
mv /usr/share/doc/git-2.44.0/{git*,index.,man-pages}/html &&

mkdir -vp /usr/share/doc/git-2.44.0/technical/{html,text} &&
mv /usr/share/doc/git-2.44.0/technical/{*.txt,text} &&
mv /usr/share/doc/git-2.44.0/technical/{*,}html &&
```

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```
mkdir -vp /usr/share/doc/git-2.44.0/howto/{html,text} &&
mv      /usr/share/doc/git-2.44.0/howto/*.txt{text} &&
mv      /usr/share/doc/git-2.44.0/howto/*.{,}html &&

sed -i '/^<a href=/s|howto/|&html/|' /usr/share/doc/git-2.44.0/howto-
index.html &&
sed -i '/^.* link:/s|howto/|&html/|' /usr/share/doc/git-2.44.0/howto-
index.txt
```

- *-with-gitconfig=/etc/gitconfig:*
Git /etc/gitconfig
- *-with-python=python3:*
가 Python 2 Python 3 . Python Perforce git
p4
- *-with-libpcre2:*
PCRE2가 JIT가
- *-with-libpcre1:*
PCRE2 PCRE가 JIT가
- **tar -xf ..git-manpages-2.44.0.tar.gz -C /usr/share/man -no-same-owner:**
git-manpages-2.44.0.tar.gz untar . -C tar가
/usr/share/man . -no-same-owner tar가
()
- **mv /usr/share/doc/git-2.44.0 ...:**
- **find ... chmod ...:** tar

Git

~/.gitconfig /etc/gitconfig

- :
git, git-receive-pack, git-upload-archive, git-upload-pack(), git-cvsserver, git-shell,
gitk scalar
- :
/usr/libexec/git-core, /usr/lib/perl5/5.38/site_perl/Git, /usr/share/{doc/git-2.44.0,git-core,git-
gui,gitk,gitweb}

- **git**
 - **git-cvsserver**
Git CVS
 - **gitk**
Git (Tk-8.6.13)
 - **git-receive-pack**
git send-pack
 - **git-shell**
SSH Git
 - **git-upload-archive**
git archive -remote git
 - **git-upload-pack**
git fetch-pack ,
 - **scalar**
Git

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<https://gamu.kr/dokuwiki/> -



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