

LAPORAN TUGAS REKAYASA PERANGKAT LUNAK
TUGAS 6
“DOKUMENTASI PERANGKAT LUNAK”



Oleh:

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Carilah contoh dokumentasi produk perangkat lunak yang diambilkan dari proyek perangkat lunak secara nyata. Adapun kriteria tugas ini sebagai berikut:

1. Dokumentasi meliputi 2 jenis, yaitu dokumen sistem dan dokumen pengguna (masing-masing minimal 4 dokumen).
2. Proyek perangkat lunak dipilih dari salah satu repository di GitHub. Bisa dicari di sini: <https://github.com/explore>
3. Syarat repository yang dipilih adalah memiliki reputasi (star) minimal 5k (5,000 star).
Contoh repository dengan jumlah star lebih dari 10k.
<https://github.com/discordjs/discord.js>
4. Gunakan repository proyek perangkat lunak yang berbeda dari contoh di atas.

- **Nama Repository**

videolan/vlc

- **URL Repository**

<https://github.com/videolan/vlc>

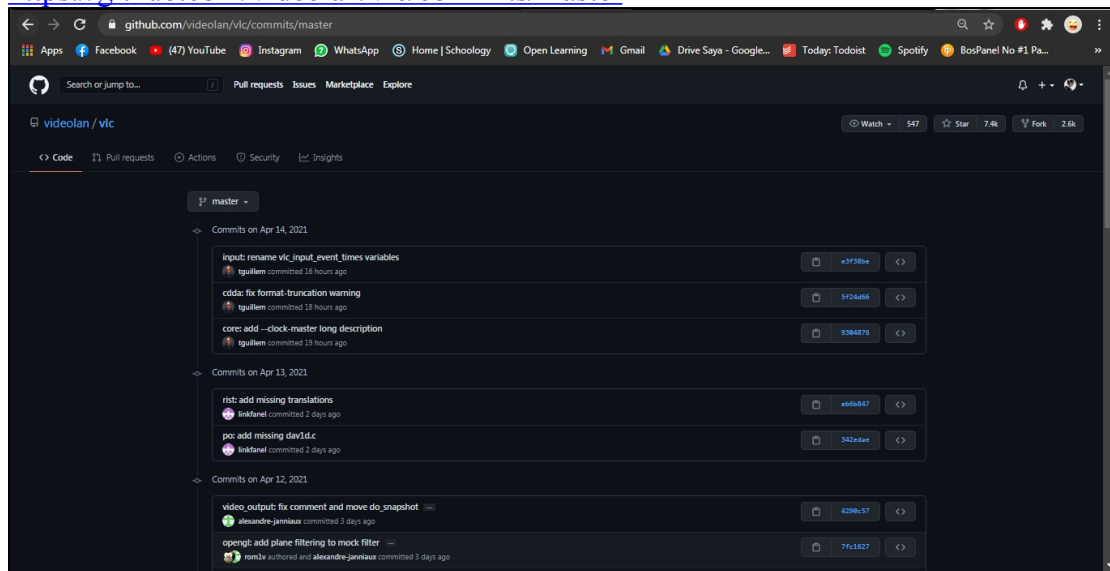
- **Nama Dokumentasi**

VLC Media Player merupakan perangkat lunak pemutar beragam berkas multimedia, baik video maupun audio dalam berbagai format, seperti MPEG, DivX, Ogg, dan lain-lain. VLC Media Player juga dapat digunakan untuk memutar DVD, VCD, maupun CD.

Dokumentasi Sistem

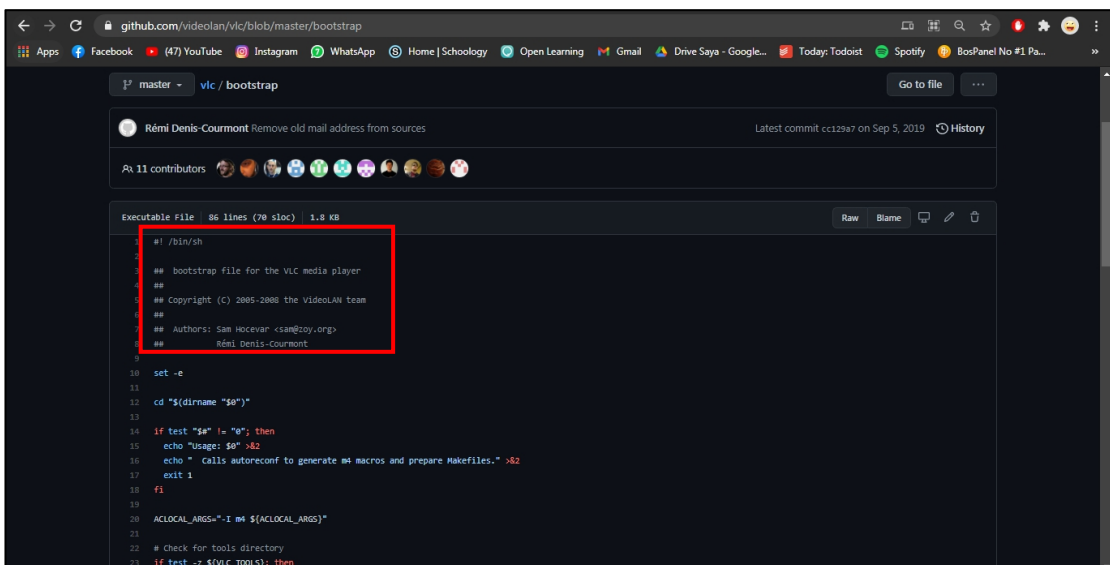
Project Commits :

<https://github.com/videolan/vlc/commits/master>



Source Code Comments :

<https://github.com/videolan/vlc/blob/master/bootstrap>



Code Change Logs :

<https://github.com/videlal/vlc/commit/5f24d66c06d6337eda485413bd6867d4572308fd>

The screenshot shows the GitHub commit page for the commit `5f24d66c06d6337eda485413bd6867d4572308fd` by user `tguellem`, committed 18 hours ago. The commit message is `cdda: fix format-truncation warning`. The page shows a diff for the file `modules/access/cdda.c`. The diff highlights changes to the `AccessGetMeta` function, specifically adding a check for `snprintf` return values to prevent format-truncation warnings. The code changes are as follows:

```
@@ -639,8 +639,9 @@ static void AccessGetMeta(stream_t *access, vlc_meta_t *meta)
{
    char yearbuf[5];
-    snprintf(yearbuf, sizeof(yearbuf), "%u", year);
-    vlc_meta_SetDate(meta, yearbuf);
+    int ret = snprintf(yearbuf, sizeof(yearbuf), "%u", year);
+    if (ret >= 0 && (size_t) ret < sizeof(yearbuf))
+        vlc_meta_SetDate(meta, yearbuf);
}
```

0 comments on commit 5f24d66

Pull Request and Crash Report:

tidak ada Issues(Crash Report)

<https://github.com/videlal/vlc/pulls>

The screenshot shows the GitHub Pull Requests page for the repository `videlal/vlc`. It displays a message for first-time contributors: "First time contributing to videolan/vlc? If you would like to submit code to this repository, consider opening a pull request. Learn more about pull requests from GitHub Help." Below this, there are filters for "is:pr is:open" and buttons for "Labels" and "Milestones". A "New pull request" button is also visible. The main content area shows "0 Open" pull requests and "111 Closed" pull requests. A message states: "There aren't any open pull requests. You could search all of GitHub or try an advanced search."

Contributor:

<https://github.com/videlal/vlc/graphs/contributors>



Dokumentasi Pengguna

Deskripsi Perangkat Lunak :

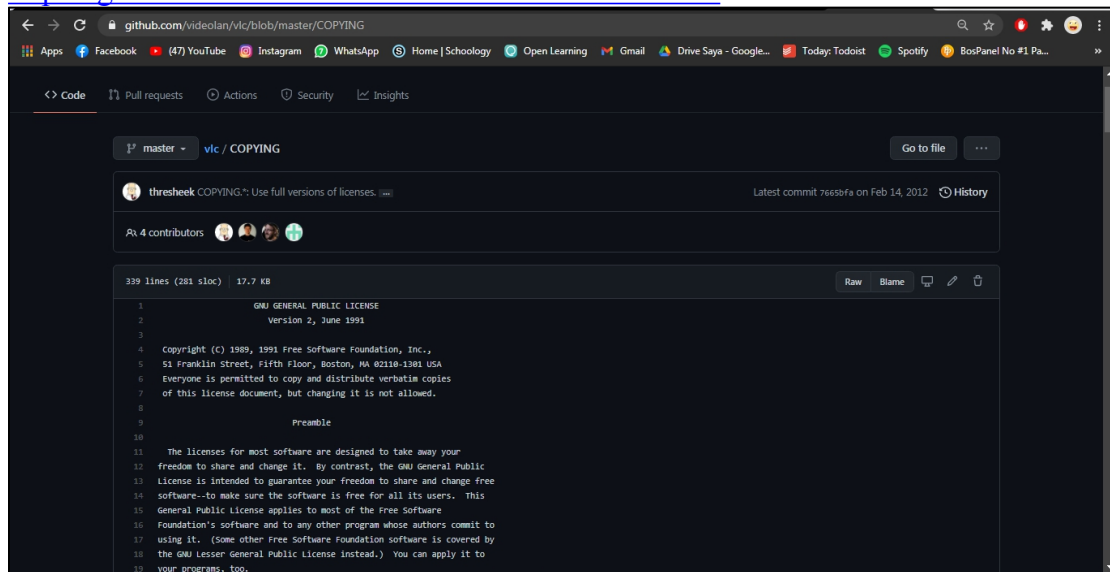
<https://github.com/videlal/vlc/blob/master/README>

The screenshot shows the README file for the VLC media player repository. The file contains the following text:

```
1 README for the VLC media player
2 =====
3
4 VLC is a popular libre and open source media player and multimedia engine,
5 used by a large number of individuals, professionals, companies and
6 institutions. Using open source technologies and libraries, VLC has been
7 ported to most computing platforms, including GNU/Linux, Windows, Mac OS X,
8 BSD, iOS and Android.
9
10 VLC can play most multimedia files, discs, streams, allows playback from
11 devices, and is able to convert to or stream in various formats.
12
13 The VideoLAN project was started at the university École Centrale Paris who
14 relicensed VLC under the GPL license in February 2001. Since then, VLC has
15 been downloaded close to one billion times.
16
17 Links:
18 =====
19
20 The VLC web site . . . . http://www.videolan.org/
21 Support . . . . . http://www.videolan.org/support/
22 Forums . . . . . https://forum.videolan.org/
23 Wiki . . . . . https://wiki.videolan.org/
24 The Developers site . . . https://wiki.videolan.org/Developers_Corner
25 VLC hacking _guide . . . https://wiki.videolan.org/hacking_guide
26 Bugtracker . . . . . https://trac.videolan.org/vlc/
27 The VideoLAN web site . . http://www.videolan.org/
28
29 Source Code Content:
30 =====
31
32 ABOUT-NLS . . . . . Notes on the Free Translation Project.
33 AUTHORS . . . . . VLC authors.
```

Lisensi:

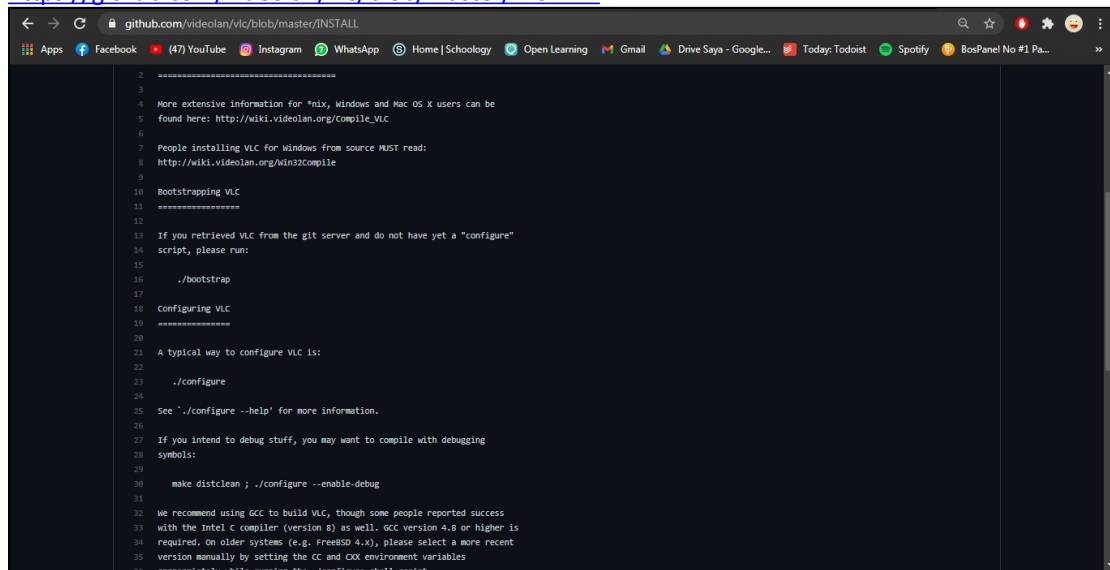
<https://github.com/videlolan/vlc/blob/master/COPYING>



```
1  GNU GENERAL PUBLIC LICENSE
2  Version 2, June 1991
3
4  Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
5  51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
6  Everyone is permitted to copy and distribute verbatim copies
7  of this license document, but changing it is not allowed.
8
9  Preamble
10
11  The licenses for most software are designed to take away your
12  freedom to share and change it. By contrast, the GNU General Public
13  License is intended to guarantee your freedom to share and change free
14  software—to make sure the software is free for all its users. This
15  General Public License applies to most of the Free Software
16  Foundation's software and to any other program whose authors commit to
17  using it. (Some other Free Software Foundation software is covered by
18  the GNU Lesser General Public License instead.) You can apply it to
19  your programs, too.
```

Instalasi:

<https://github.com/videlolan/vlc/blob/master/INSTALL>



```
2  =====
3
4  More extensive information for *nix, Windows and Mac OS X users can be
5  found here: http://wiki.videolan.org/compile_VLC
6
7  People installing VLC for Windows from source MUST read:
8  http://wiki.videolan.org/Win32Compile
9
10 Bootstrapping VLC
11 =====
12
13 If you retrieved VLC from the git server and do not have yet a "configure"
14 script, please run:
15
16     ./bootstrap
17
18 configuring VLC
19 =====
20
21 A typical way to configure VLC is:
22
23     ./configure
24
25 See './configure --help' for more information.
26
27 If you intend to debug stuff, you may want to compile with debugging
28 symbols:
29
30     make distclean ; ./configure --enable-debug
31
32 We recommend using GCC to build VLC, though some people reported success
33 with the Intel C compiler (version 8) as well. GCC version 4.6 or higher is
34 required. On older systems (e.g. FreeBSD 4.x), please select a more recent
35 version manually by setting the CC and CXX environment variables
36 manually before running the ./configure script.
```

News:

<https://github.com/videlal/vlc/blob/master/NEWS>

```
2 -----
3
4 Platform support changes:
5 * 4.8.x requires:
6   - Windows 7/2008 R2 or later (with KB2533623 installed)
7   - macOS 10.11 or later
8   - iOS 9 or later
9   - Android 4.1.x or later (API-16)
10  - GCC 5.0 or clang 3.4 (or equivalent)
11 * Windows on ARM is now supported
12 * Universal Windows is only supported for Windows 10 (not Windows 8 anymore)
13
14 Cores:
15 * New output clock (internal):
16   - The input clock (PCs) or the audio output can drive the output clock
17   - By default, the audio output will drive the output clock: no more audio
18     resampling or flush when the audio is late or early
19 * New medialog (vlc_media_library.h)
20 * New player (vlc_player.h):
21   - Replace the input_thread_t API that is now internal
22   - One instance is used to play subsequent medias
23   - Allow multiple track selection
24   - Fix H264 issue (the player lock is exposed)
25 * New mediatree and mediasource (vlc_media_source.h)
26   - Browse local network and service discoveries
27 * New playlist (vlc_playlist.h)
28   - Replace the previous one
29   - Flat, new random implementation
30   - Can't browse anymore (cf. mediatree)
31 * Add support for dual subtitles selection (via the player)
32
33 Audio output:
34 * ALSA: HDMI passthrough support.
35   Use --alsa-passthrough to configure S/PDIF or HDMI passthrough.
```

Thanks:

<https://github.com/videlal/vlc/blob/master/THANKS>

```
1 Some VLC plugins use external libraries and make extensive use of the
2 following persons' or companies' code:
3
4 FAAD2 - Copyright (c) Nero AG, www.nero.com - GPLV2 or later
5 FFmpeg - Copyright (c) 2000-2017 the FFmpeg developers - LGPLv2.1 or later
6 Fluidite - Copyright (c) 2016 Robin Lohel - LGPLv2.1 or later
7 Fluidsynth - Copyright (c) 2003-2010 Peter Hanappe, Conrad Bernhörster, Antoine
8 Schmitt, Pedro López-Cabanillas, Josh Green, David Hemmingson - LGPLv2.1 or
9 later
10 Fontconfig - Copyright (c) 2000,2001,2002,2003,2004,2006,2007 Keith Packard,
11 (c) 2005 Patrick Lam, (c) 2009 Roozbeh Pournader, (c) 2008,2009 Red Hat,
12 Inc., (c) 2008 Danilo Šegan, (c) 2012 Google, Inc. - MIT License
13 freetype - David Turner, Robert Wilhelm, and Werner Lemberg - FreeType License
14 GSM - Copyright (c) 1992 - 1994, 2009 Jutta Degener & Carsten Bormann - GSM
15 permissive license
16 GUP Felaids - Copyright (c) 2004-2012 Behdad Esfahbod, Dov Grobgeld, Roozbeh
17 Pournader - LGPLv2.1 or later
18 GUPvLS - Copyright (c) 2000-2012 Free Software Foundation, Inc. - LGPLv2.1 or
19 later
20 harfbuzz - Copyright (c) 2010, 2011, 2012 Google, Inc., (c) 2012 Mozilla
21 Foundation, (c) 2011 Codethink Limited, (c) 2008, 2010 Nokia Corporation
22 and/or its subsidiary(-ies), (c) 2009 Keith Stribley, (c) 2009 Martin Hosken
23 and SIL International, (c) 2007 Chris Wilson, (c) 2006 Behdad Esfahbod,
24 (c) 2005 David Turner, (c) 2004, 2007, 2008, 2009, 2010 Red Hat, Inc.,
```

System Requirements & Features:

<https://globalmediafox.blogspot.com/2018/05/vlc-media-player-system-requirements.html?m=1>

VLC Media Player System Requirements & Features



System Requirements

- Windows
 - VLC runs on all versions of Windows, from Windows XP SP3 to the last version of Windows 10
- Mac OS X
 - VLC media player requires Mac OS X 10.7 or later
- Ubuntu
 - Ubuntu 13.10 "Saucy Salamander"
 - Ubuntu 13.04 "Raring Ringtail"
 - Ubuntu 12.10 "Quantal Quetzal"
 - Ubuntu 12.04 LTS "Precise Pangolin"
- Android