Hitachi Content Platform

9.1

Third-Party Copyrights and Licenses

The Appliance Operating System and the Hitachi Content Platform software incorporate third-party software from a number of vendors. This book contains the copyright and license information for that software.

Contents

Third-Party Copyrights and Licenses

Preface

The Appliance Operating System and the **Hitachi Content Platform** (**HCP**) software incorporate third-party software from a number of vendors. This book contains the copyright and license information for that software.

Intended audience

This book is intended for all HCP users.

Product version

This book applies to release 9.1 or later of HCP.

Release notes

Read the release notes before installing and using this product. They may contain requirements or restrictions that are not fully described in this document or updates or corrections to this document. Release notes are available on Hitachi Vantara Support Connect:

https://knowledge.hitachivantara.com/Documents

Related documents

The following documents contain additional information about Hitachi Content Platform:

- *HCP System Management Help* — This help system is a comprehensive guide to administering and using an HCP system. The Help describes how to configure, manage, and maintain HCP system-level and tenant-level features and functionality. The help also describes the properties of

objects stored in HCP namespaces and explains how to access those objects.

- *HCP Tenant Management Help* — This help system describes how to configure, manage, and maintain HCP namespaces. The help also describes the properties of objects stored in HCP namespaces and explains how to access those objects.

- *Managing the Default Tenant and Namespace* — This book contains complete information for managing the default tenant and namespace in an HCP system. The book provides instructions for changing tenant and namespace settings, configuring the protocols that allow access to the namespace, managing search and indexing, and downloading the installation files for HCP Data Migrator. The book also explains how to work with retention classes and the privileged delete functionality.

- *Using the Default Namespace* — This book describes the file system HCP uses to present the contents of the default namespace. This book provides instructions for using HCP software-supported protocols to store, retrieve, and deleting objects, as well as changing object metadata such as retention and shred settings.

- *Installing an HCP System* — This book describes how to install the software for a new HCP system. It explains what you need to know to configure the system and contains step-by-step instructions for the installation procedure.

- *Deploying an HCP VM System on ESXi* — This book describes how to install and configure an HCP VM system. The book also includes requirements and guidelines for configuring the VMWare® environment in which the system is installed.

- *Deploying an HCP VM System on KVM* — This book describes how to install and configure an HCP VM system. The book also includes requirements and guidelines for configuring the KVM environment in which the system is installed.

- *Installing an HCP RAIN System - Final On-site Setup* — This book contains instructions for deploying an assembled and configured HCP RAIN system at a customer site. It explains how to make the necessary physical connections and reconfigure the system for the customer computing environment. The book also provides instructions for assembling the components of an HCP RAIN system that was ordered

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without a rack and for configuring Hitachi Remote Ops to monitor the nodes in an HCP system.

- *Installing an HCP SAIN System - Final On-site Setup* — This book contains instructions for deploying an assembled and configured single-rack HCP SAIN system at a customer site. It explains how to make the necessary physical connections and reconfigure the system for the customer computing environment. It also contains instructions for configuring Hitachi Remote Ops to monitor the nodes in an HCP system.

- *Using HCP Data Migrator* — This bookdescribes how to install and use HCP Data Migrator (HCP DM), a utility that works with HCP. This utility enables you to copy data between local file systems, namespaces in HCP, and earlier HCAP archives. It also supports bulk delete operations and bulk operations to change object metadata. Additionally, it supports associating custom metadata and ACLs with individual objects. The book describes both the interactive Windows interface and the set of command-line tools included in HCP-DM.

- *HCP DM Third-Party Copyrights and Licenses* — This book contains copyright and license information for third-party software distributed with or embedded in HCP Data Migrator.

Accessing product documentation

Product documentation is available on Hitachi Vantara Support Connect: https://knowledge.hitachivantara.com/Documents. Check this site for the most current documentation, including important updates that may have been made after the release of the product.

Getting help

Hitachi Vantara Support Portal is the destination for technical support of products and solutions sold by Hitachi Vantara. To contact technical support, log on to Hitachi Vantara Support Connect for contact information: https://support.hitachivantara.com/en_us/contact-us.html.

Hitachi Vantara Community is a global online community for Hitachi Vantara customers, partners, independent software vendors, employees, and prospects. It is the destination to get answers, discover insights, and make connections. **Join the conversation today!** Go to community.hitachivantara.com/s, register, and complete your profile.

> **Note:** If you purchased your Hitachi Content Platform from a third party, please contact your authorized service provider.

Comments

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Include the document title and part number, including the revision (for example, -01), and refer to specific sections and paragraphs whenever possible. All comments become the property of Hitachi Vantara LLC.

Thank you!

1

Introduction

The Appliance Operating System is based on the open source operating system, Fedora 29, from the Fedora Project (http://fedoraproject.org). It also includes several additional open source software packages.

The HCP software incorporates multiple open source software packages and two proprietary third-party components.

Unless otherwise indicated in this book, open source and third-party software is used without modification.

To obtain any of the open source software packages mentioned in this book, please contact:

    Project manager, HCP
    Hitachi Vantara Corporation
    2535 Augustine Drive
    Santa Clara, CA 95054 USA

Hitachi Vantara gratefully acknowledges the contributions of the open source community in the development of the Appliance Operating System and HCP software.

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2

Unmodified and modified Fedora components

This chapter contains a table of unmodified and modified Fedora packages used in the Appliance Operating System. The packages are broken out by the licenses that apply to them. Under each license, the packages are presented in alphabetical order. For each package, the table shows the package version, Fedora release, and copyright (where required). In the Fedora Release column, modified packages are designated by the following suffix: `hcpnnn`, where *nnn* corresponds to the Hitachi Content Platform release in which the package was modified.

Note: The Fedora binary distribution on which the Appliance Operating System is based does not provide the required copyright notices for included BSD-licensed software. The copyright notices listed in this chapter were generated using in-house automated processes to scan the source code provided by the Fedora Project. Every effort has been made to find as many of these notices as possible. However, variations in how the notices are expressed in the source code create the possibility that some notices were missed.

If this chapter is missing expected copyright notices, please verify their presence in the Fedora upstream source RPMs. Then notify the HCP product manager of the issue. For the product manager contact information, see

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dbus	1.12.12	1.fc29	
dbus-common	1.12.12	1.fc29	
dbus-daemon	1.12.12	1.fc29	
dbus-libs	1.12.12	1.fc29	

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dbus-tools	1.12.12	1.fc29	
(GPLv2+ or LGPLv3+) and GPLv3+ *(see "GNU General Public License, Version 2+ (GPLv2+)" on page 588, see "GNU Lesser General Public License, Version 3 (LGPLv3)" on page 616, see "GNU General Public License, Version 3 (GPLv3)" on page 589)*			
libidn2	2.2.0	1.fc29	
(GPLv3+ and ASL 2.0) *(see "GNU General Public License, Version 3 (GPLv3)" on page 589, see "Apache License, version 2.0" on page 483)*			
rsyslog	8.1910.0	1.fc29	
(LGPLv3+ or GPLv2+) and GPLv3+ *(see "GNU Lesser General Public License, Version 3 (LGPLv3)" on page 616, see "GNU General Public License, Version 2+ (GPLv2+)" on page 588, see "GNU General Public License, Version 3 (GPLv3)" on page 589)*			
libksba	1.3.5	8.fc29	
(MIT or AFL) and (MIT or GPLv2) *(see "MIT License" on page 639, see "Academic Free License" on page 478, see "GNU General Public License, Version 2+ (GPLv2+)" on page 588)*			
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libgfshare	1.0.2	3.0.0_arc.hcp820	
GPL+ *(see ["GNU General Public License, Version 2 (GPLv2)"](#) on page 581)*			
fuse	2.9.9	7.fc29	
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procps-ng	3.3.15	4.fc29	

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e2fsprogs	1.44.6	1.fc29	
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ima-evm-utils	1.1	4.fc29	
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e2fsprogs-libs	1.44.6	1.fc29	
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device-mapper-multipath-libs	0.7.7	7.gitef6d98b.5.hcp910	

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ndisc6	1.0.3	7.fc29	
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NetworkManager	1.12.6	5.fc29	
NetworkManager-dispatcher-routing-rules	1.12.6	5.fc29	

Package	Version	Fedora Release	Copyright
acl	2.2.53	2.fc29	
acpi	1.7	10.fc29	
acpid	2.0.30	1.fc29	
attr	2.4.48	3.fc29	
bash-completion	2.8	3.fc29	
bc	1.07.1	6.fc29	
dmidecode	3.2	1.fc29	
efibootmgr	16	4.fc29	
grubby	8.40	18.fc29	
hostname	3.20	7.fc29	
htop	2.2.0	3.fc29	
hwdata	0.329	1.fc29	
iftop	1.0	0.21.pre4.fc29	
iotop	0.6	18.fc29	
ipcalc	0.2.4	4.fc29	
iproute-tc	5.0.0	2.fc29	
kmod	25	3.fc29	

Package	Version	Fedora Release	Copyright
libnetfilter_ conntrack	1.0.7	1.fc29	
libnetfilter_ cttimeout	1.0.0	12.fc29	
libnfnetlink	1.0.1	14.fc29	
libreport- filesystem	2.11.3	2.fc29	
libsigsegv	2.11	6.fc29	
linuxconsoletools	1.7.0	1.fc29	
logrotate	3.14.0	4.fc29	
lrzsz	0.12.20	45.fc29	
ltrace	0.7.91	28.fc29	
lzo	2.08	14.fc29	
mdadm	4.1	rc2.0.2.fc29	
mingetty	1.08	24.fc29	
net-tools	2.0	0.53.20160912git.fc29	
pciutils	3.6.2	1.fc29	
pciutils-libs	3.6.2	1.fc29	
psmisc	23.1	4.1.fc29	
python2-rpm	4.14.2.1	3.fc29	
rpm	4.14.2.1	3.fc29	
rpm-plugin- selinux	4.14.2.1	3.fc29	
slang	2.3.2	4.fc29	
smartmontools	7.0	5.fc29	
smem	1.5	1.fc29	
squashfs-tools	4.3	21.fc29	
sysstat	11.7.3	2.fc29	

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traceroute	2.1.0	7.fc29	
tree	1.8.0	1.fc29	
yum	3.4.3	518.fc29	
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lz4-libs	1.9.1	1.fc29	Copyright (C) 2011 - 2017 Yann Collet Copyright (C) 1989 - 1991 Free Software Foundation Inc Copyright (C) 2015 Louis P Santillan lpsantil@gmail.com Copyright (C) 2018 Yann Collet - present Copyright (C) 2014 lpsantil

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man-db	2.8.4	3.fc29	
GPLv2+ and LGPLv2+ *(see "GNU General Public License, Version 2+ (GPLv2+)" on page 588, see "GNU Lesser General Public License, Version 2+ (LGPLv2+)" on page 604)*			
cryptsetup	2.0.6	1.fc29	
cryptsetup-libs	2.0.6	1.fc29	
dracut	049	26.git20181204.hcp910	
dracut-network	049	26.git20181204.hcp910	
dracut-squash	049	26.git20181204.hcp910	
keyutils	1.5.10	8.fc29	
keyutils-libs	1.5.10	8.fc29	
GPLv2+ and LGPLv2+ and Public Domain *(see "GNU General Public License, Version 2+ (GPLv2+)" on page 588, see "GNU Lesser General Public License, Version 2+ (LGPLv2+)" on page 604)*			
minicom	2.7.1	9.fc29	

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rpm-build-libs	4.14.2.1	3.fc29	
rpm-libs	4.14.2.1	3.fc29	
rpm-sign-libs	4.14.2.1	3.fc29	
GPLv2+ and Public Domain *(see "GNU General Public License, Version 2+ (GPLv2+)" on page 588)*			
iproute	5.0.0	2.fc29	
xz	5.2.4	3.fc29	
GPLv2+ or Artistic *(see "GNU General Public License, Version 2+ (GPLv2+)" on page 588, see "Artistic License, version 2.0" on page 487)*			
perl-Getopt-Long	2.51	1.fc29	
GPLv2+ or LGPLv3+ *(see "GNU General Public License, Version 2+ (GPLv2+)" on page 588, see "GNU Lesser General Public License, Version 3 (LGPLv3)" on page 616)*			
elfutils-default-yama-scope	0.176	1.fc29	
elfutils-libelf	0.176	1.fc29	
elfutils-libs	0.176	1.fc29	
GPLv2+ with exceptions *(see "GNU General Public License, Version 2+ (GPLv2+)" on page 588)*			
pkgconf-m4	1.5.3	2.fc29	
GPLv3 *(see "GNU General Public License, Version 3 (GPLv3)" on page 589)*			
crash	7.2.3	2.fc29	
hfcldd	4.32.22.4336	11.2.hcp910	
kmod-hfcldd-4.19.15-300.1.hcp910.x86_64	4.32.22.4336	11.2.hcp910	
which	2.21	11.fc29	

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bash	4.4.23	6.fc29	
binutils	2.31.1	25.fc29	
coreutils	8.30	7.fc29	
coreutils-common	8.30	7.fc29	
cpio	2.12	9.fc29	
device-mapper-persistent-data	0.7.6	2.fc29	
diffutils	3.6	5.fc29	
efi-filesystem	3	3.fc29	
findutils	4.6.0	21.fc29	
gdbm	1.18	1.fc29	
gdbm-libs	1.18	1.fc29	
gnupg2	2.2.17	1.fc29	
grep	3.1	8.fc29	
grub2-common	2.02	62.1.hcp820	
grub2-efi-x64	2.02	62.1.hcp820	
grub2-efi-x64-modules	2.02	62.1.hcp820	

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grub2-pc-modules	2.02	62.1.hcp820	
grub2-tools	2.02	62.1.hcp820	
grub2-tools-efi	2.02	62.1.hcp820	
grub2-tools-extra	2.02	62.1.hcp820	

Package	Version	Fedora Release	Copyright
grub2-tools-minimal	2.02	62.1.hcp820	
info	6.5	11.fc29	
libbasicobjects	0.1.1	41.fc29	
libpipeline	1.5.0	5.fc29	
make	4.2.1	10.fc29	
mokutil	0.3.0	10.fc29	
nano	3.0	3.fc29	
parallel	20180322	2.fc29	
patch	2.7.6	8.fc29	
readline	7.0	12.fc29	
rsync	3.1.3	8.fc29	
screen	4.6.2	6.fc29	
sed	4.5	2.fc29	
tar	1.30	6.fc29	
wget	1.20.3	1.fc29	
zile	2.4.14	2.fc29	
GPLv3+ and (GPLv2+ or LGPLv3+) *(see "GNU General Public License, Version 3 (GPLv3)" on page 589, see "GNU General Public License, Version 2+ (GPLv2+)" on page 588, see "GNU Lesser General Public License, Version 3 (LGPLv3)" on page 616)*			
elfutils	0.176	1.fc29	
GPLv3+ and CC0-1.0 *(see "GNU General Public License, Version 3 (GPLv3)" on page 589)*			
emacs-filesystem	26.1	6.fc29	

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time	1.9	5.fc29	Copyright (C) 1990 - 2009 @copyright Free Software Copyright (C) 1990 - 2018 Free Software Foundation Copyright (C) 1995 - 2018 dnl Free Software Foundation Inc Copyright (C) 1990 - 2009 Free Software Copyright (C) 1987 - 2018 Free Software Foundation Inc Copyright (C) 1990 - 2018 Free Software Copyright (C) 2005 - 2009 &copy Copyright (C) 2002 - 2018 dnl Free Software Foundation Copyright (C) 1994 X Consortium Copyright (C) 1991 - 2007 years (such as 90 2008) in a Copyright (C) 1992 - 2012 @ @ Free Software Foundation Inc Copyright (C) 2007 Free Software Foundation Inc http://fsf.org/ Copyright (C) 2001 - 2018 Free Software Foundation Inc

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gettext	0.19.8.1	18.fc29	
gnutls	3.6.7	1.fc29	
libtasn1	4.13	5.fc29	
GPLv3+ and LGPLv3+ *(see "GNU General Public License, Version 3 (GPLv3)" on page 589, see "GNU Lesser General Public License, Version 3 (LGPLv3)" on page 616)*			
libwbclient	4.9.15	0.hcp910	
samba	4.9.15	0.hcp910	
samba-client-libs	4.9.15	0.hcp910	
samba-common	4.9.15	0.hcp910	

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samba-common-libs	4.9.15	0.hcp910	
samba-common-tools	4.9.15	0.hcp910	

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samba-winbind	4.9.15	0.hcp910	
samba-winbind-clients	4.9.15	0.hcp910	
samba-winbind-modules	4.9.15	0.hcp910	
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libjpeg-turbo	2.0.2	1.fc29	

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strace	5.3	1.fc29	
LGPLv2 *(see ["GNU Lesser General Public License, Version 2+ (LGPLv2+)"](#) on page 604)*			
device-mapper-event-libs	1.02.154	1.fc29	
device-mapper-libs	1.02.154	1.fc29	
libcroco	0.6.12	5.fc29	
libmspack	0.10.1	0.1.alpha.fc29	
libseccomp	2.4.1	0.fc29	
lockdev	1.0.4	0.28.20111007git.fc29	
lvm2-libs	2.02.183	1.fc29	
LGPLv2 and GPLv2 *(see ["GNU Lesser General Public License, Version 2+ (LGPLv2+)"](#) on page 604, see ["GNU General Public License, Version 2+ (GPLv2+)"](#) on page 588)*			
numactl-libs	2.0.12	1.fc29	

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GeoIP	1.6.12	4.fc29	
alsa-lib	1.1.9	1.fc29	
audit-libs	3.0	0.9.20190507gitf58ec40.fc29	
avahi-libs	0.7	16.fc29	

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cracklib	2.9.6	15.fc29	
cracklib-dicts	2.9.6	15.fc29	
crypto-policies	20190527	1.git0b3add8.fc29	
fuse-libs	2.9.9	7.fc29	
glib2	2.58.3	1.fc29	
gpgme	1.12.0	1.fc29	
kmod-libs	25	3.fc29	
libacl	2.2.53	2.fc29	
libaio	0.3.111	3.fc29	
libattr	2.4.48	3.fc29	
libblkid	2.32.1	1.fc29	

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libesmtp	1.0.6	16.hcp820	
libestr	0.1.9	11.fc29	
libfdisk	2.32.1	1.fc29	
libgcrypt	1.8.5	1.fc29	
libgpg-error	1.33	1.fc29	
libmnl	1.0.4	8.fc29	
libmount	2.32.1	1.fc29	
libndp	1.7	2.fc29	
libsemanage	2.8	8.fc29	
libsepol	2.8	3.fc29	
libsmartcols	2.32.1	1.fc29	
libssh	0.8.7	1.fc29	
libsysfs	2.1.0	25.fc29	

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libtool-ltdl	2.4.6	27.fc29	
libusb	0.1.5	13.fc29	
libusbx	1.0.22	1.fc29	
libuser	0.62	18.fc29	
libutempter	1.1.6	15.fc29	
linux-atm-libs	2.5.1	21.fc29	
lm_sensors-libs	3.5.0	2.fc29	
mariadb-connector-c	3.1.5	1.fc29	
mariadb-connector-c-config	3.1.5	1.fc29	
npth	1.5	6.fc29	
polkit-libs	0.115	4.4.fc29	
python2-gpg	1.12.0	1.fc29	
python2-pyxattr	0.5.6	2.fc29	
python2-urlgrabber	3.10.1	16.fc29	
qrencode-libs	3.4.4	6.fc29	
systemd-udev	239	14.git33ccd62.fc29	
ttmkfdir	3.0.9	55.fc29	
userspace-rcu	0.10.1	4.fc29	

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gmime	2.6.23	6.fc29	

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libassuan	2.5.2	1.fc29	

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efivar	37	1.fc29	
efivar-libs	37	1.fc29	
LGPLv3+ *(see "GNU Lesser General Public License, Version 3 (LGPLv3)" on page 616)*			
autogen-libopts	5.18.14	2.fc29	
guile	2.0.14	12.fc29	
libcollection	0.7.0	41.fc29	
libini_config	1.3.1	41.fc29	
libldb	1.4.8	1.fc29	
libpath_utils	0.2.1	41.fc29	
libref_array	0.1.5	41.fc29	
libtalloc	2.1.14	2.fc29	
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nettle	3.4.1rc1	1.fc29	
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fedora-release	29	11	
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bind-utils	9.11.10	1.hcp910	
publicsuffix-list-dafsa	20180723	1.fc29	
python3-bind	9.11.10	1.hcp910	
Mixed *()*			
os-release-hcp	29.0.128	3.hcp900	
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Package	Version	Vendor	
Nmap *()*			
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OpenSSL *(see "OpenSSL and SSLeay Licenses" on page 677)*			
compat-openssl10	1.0.2o	7.fc29	
openssl	1.1.1d	2.fc29	
openssl-libs	1.1.1d	2.fc29	
PostgreSQL *(see "PostgreSQL License" on page 698)*			
postgresql	10.6	1.hcp820	
postgresql-libs	10.6	1.hcp820	
postgresql-plpython	10.6	1.hcp820	

Package	Version	Fedora Release	Copyright
postgresql-server	10.6	1.hcp820	
postgresql-upgrade	10.6	1.hcp820	
PostgreSQL or Python *(see "PostgreSQL License" on page 698, see "Python License" on page 701)*			
python2-pygresql	5.0.6	1.fc29	
Proprietary *()*			
hfcldd-tools	4.32.22.4336	11.2.hcp910	
stdio-shrink	0.7.6	1.hcp820	
Public Domain *()*			
basesystem	11	6.fc29	
ca-certificates	2018.2.26	2.fc29	
filesystem	3.9	2.fc29	
fontpackages-filesystem	1.44	22.fc29	
libselinux	2.8	6.fc29	
setup	2.12.1	2.fc29	
sqlite	3.26.0	4.fc29	
sqlite-libs	3.26.0	4.fc29	
tzdata	2019c	1.fc29	
tzdata-java	2019c	1.fc29	
xz-libs	5.2.4	3.fc29	
Public Domain and GPLv2 *(see "GNU General Public License, Version 2+ (GPLv2+)" on page 588)*			
crontabs	1.11	17.20150630git.fc29	

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mailcap	2.1.48	4.fc29	Copyright (C) 1991 Bell Communications Research Inc (Bellcore)
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libargon2	20161029	7.fc29	
Python *(see ["Python License"](#) on page 701)*			
python-unversioned-command	2.7.17	1.fc29	
python2	2.7.17	1.fc29	
python2-libs	2.7.17	1.fc29	
python3	3.7.5	1.fc29	
python3-libs	3.7.5	1.fc29	

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TCL *(see hcpa3p-TCLLicense)*			
tcl	8.6.8	2.fc29	

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TTWL *()*			
perl-Text-Tabs+Wrap	2013.0523	417.fc29	

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Vim and MIT *(see "Vim License" on page 717, see "MIT License" on page 639)*			

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zlib (see *"zlib License"* on page 721)			

Package	Version	Fedora Release	Copyright
libpng	1.6.34	7.fc29	Copyright (C) 1998 - 2000 Glenn Randers-Pehrson are derived from Copyright (C) 2002 Patrick R.L Welche Copyright (C) 1995 Guy Eric Schalnat Group 42 Copyright (C) 1998 Andreas R Kleinert Copyright (C) 2012 Glenn Randers-Pehrson and Christopher M Wheeler Copyright (C) 2000 - 2017 Glenn Randers-Pehrson are Copyright (C) 1998 - 2017 Greg Roelofs and Copyright (C) 1998 - 2007 Derived from pngcrush.h Glenn Randers-Pehrson Copyright (C) 1998 - 2017 Glenn Randers-Pehrson Copyright (C) 2000 - 2004 Cosmin Truta Copyright (C) 1995 - 1996 Guy Eric Schalnat Group 42 Inc Copyright (C) 1996 The PNG-1.0 specification is Massachusetts Institute of Copyright (C) 1996 - 1997 Andreas Dilger Copyright (C) 2003 W3C (MIT ERCIM Keio) All Rights Reserved Copyright (C) 1995 - 2000 Wolf Faust Copyright (C) 1998 - 2006 This man page is Glenn Randers-Pehrson See png.h Copyright (C) 1996 - 1997 (Version 0.96 Andreas Dilger) Copyright (C) 2016 Google Inc Copyright (C) 2001 Laurent faillie Copyright (C) 2013 - 2016 John Bowler Copyright (C) 1996 - 1997 Andreas Dilger Copyright (C) 1998 - 2001 Greg Roelofs Copyright (C) 2000 - 2008 Adam M Costello and Cosmin Truta Copyright (C) 2000 Pawel Mrochen based on makefile.msc which is Copyright (C) 1999 - 2017 Willem van Schaik willem at schaik.com Copyright (C) 1997 Tom Tanner Copyright (C) 2008 Vincent Torri Copyright (C) 1999 The PNG-1.2 specification is Glenn Randers-Pehrson Copyright (C) 1995 - 1996 notice in png.h Guy Eric Copyright (C) 1998 - 2017 Greg Roelofs All rights reserved

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Chapter 2: Unmodified and modified Fedora components

Third-Party Copyrights and Licenses

3

HCP software third-party components

This chapter identifies the third-party software embedded in or distributed with the HCP software. Each software package is listed with an indication of where to get it, its copyright (where required), and its license information. The software packages are presented in alphabetical order.

For the text of the licenses identified in this section, see Chapter 4: "Licenses for third-party components".

Third-party package
Airspeed
Version r56

Source
https://github.com/purcell/airspeed

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No copyright notice was found in the code or LICENSE file.

License text
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Third-party package
Apache Commons Chain

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Third-party package
Apache Commons CLI

Version 1.2

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Version 1.9

Source
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Third-party package

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Version 3.2.1

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Third-party package

Apache Commons Compress
Version 1.5

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Third-party package

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Version 1.8

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Version 1.3.1

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Third-party package

Apache Commons HttpClient

Version 3.0.1

Source

http://hc.apache.org/httpclient-3.x/

License text

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Third-party package

Apache Commons HttpComponents
Version 4.2

Source

http://hc.apache.org/

License text

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Third-party package

Apache Commons IO
Version 2.4

Source

http://commons.apache.org/io

License text

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Third-party package

Apache Commons JXPath
Version 1.1

Source

http://commons.apache.org/jxpath

License text

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Third-party package

Apache Commons Lang
Version 2.6 and 3.6

Source

http://commons.apache.org/lang

License text

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Third-party package

Apache Commons Logging
Version 1.1.3

Source

http://commons.apache.org/proper/commons-logging/

License text

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Third-party package
Apache Commons Net
Version 3.1

Source
http://commons.apache.org/net/download_net.cgi

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Third-party package
Apache Commons Validator
Version 1.3.1

Source
https://commons.apache.org/proper/commons-validator/

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Third-party package
Apache Derby
Version 10.8.2.2

Source
http://db.apache.org/derby/

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Third-party package
Apache Directory Server
Version 1.5.7

Source
http://directory.apache.org/apacheds/news.html

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Note: Hitachi Vantara has modified Apache Directory Server for the HCP software. The modified source code is available on request.

Third-party package
Apache Directory Server Core JNDI
Version 1.5.7

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http://directory.apache.org/apacheds/

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Third-party package
Apache Directory Server Protocol Shared
Version 1.5.7

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https://directory.apache.org/apacheds/

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Third-party package
Apache Directory Server Kerberos Shared
Version 1.5.7

Source
http://directory.apache.org/apacheds/news.html

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Note: Hitachi Vantara has modified Apache Directory Server Kerberos Shared for the HCP software. The modified source code is available on request.

Third-party package
Apache Directory Shared
Version 0.9.19

Source
http://directory.apache.org/apacheds/news.html

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Third-party package
Apache HTTP Components
Version 4.4.9

Source
http://hc.apache.org/

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Third-party package
Apache Directory Geronimo
Version 1.0.0

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https://geronimo.apache.org/

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Third-party package
Apache Jakarta Commons HttpClient
Version 3.0.1

Source
http://hc.apache.org/httpclient-3.x

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Third-party package

Apache JClouds OpenStack Keystone
Version 1.8

Source

http://www.jclouds.apache.org/

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Third-party package

Apache Joda-Time
Version 2.2

Source

http://www.joda.org/joda-time/

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Third-party package

Apache Lucene
Version 4.0-trunk
ECCN: 5D002

Source

http://lucene.apache.org/

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Third-party package

Apache Lucene Test
Version 4.0-trunk
ECCN: 5D002

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Apache Solr Core
Version 4.0-trunk

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http://lucene.apache.org/solr/

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Third-party package

Apache Solr Noggit
Version r1099557

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Third-party package

Apache Solr War
Version 4.0-trunk

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Apache Struts 2
Version 2.5.18-hcp

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Apache Velocity
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Apache Velocity Tools
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ASM
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Source
http://asm.ow2.io/

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Atinject
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https://code.google.com/p/atinject/

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Amazon Java SDK
Version 1.11.44

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Beautiful Soup
Version 3.0.3

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Bouncy Castle
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Cheetah
Version 2.0.1

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dateutil
Version 1.5

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http://labix.org/python-dateutil

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Version r5

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http://chandlerproject.org/Projects/Davclient

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EasyStream
Version 1.2.14

Source
http://code.google.com/p/io-tools/

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EclipseLink MOXy
Version 2.3.4-m6

Source
http://www.eclipse.org/eclipseelink/#moxy

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ElementTree
Version 1.2.6

Source
http://effbot.org/zone/element-index.htm

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Version 2.0

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http://www.entypo.com/

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File Leak Detector

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http://file-leak-detector.kohsuke.org/

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Flot

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Flot Pie Chart

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Flot Tooltip

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Freemarker

Version 1.0.16

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http://freemarker.org/freemarkerdownload.html

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Third-party package

GlassFish

Using Version 3.1

Source

https://glassfish.github.io/

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GNU Crypto
Using Version 2.0.1

Source

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Note: Source code for GNU Crypto is available on request.

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Google API Java Client
Version 1.17.0

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https://code.google.com/p/google-api-java-client/

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Google Gson
Version 2.2.2

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Google Guice
Version 3.0

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https://code.google.com/p/google-guice/

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goopy
Version 0.1

Source
http://goog-goopy.sourceforge.net

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grizzly
Version 1.19.45

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Guava
Version 18.0-1

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io-tools
Version 1.2.14

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Jackson
Version 2.9.5

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Javassist
Version 3.11.0.ga

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JavaMail
Version 1.5.6

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https://www.java.net/projects/javamail/pages/Home

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Third-party package

JAXB API
Version 2.1

Source

https://jaxb.java.net/1.0/

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JAXB Impl
Version 2.1.11

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jcmdline
Version 1.0.3

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Jcommon
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JDOM
Version 1.0

Source

http://www.jdom.org

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Third-party package
Jersey
Version 1.19.4

Source
https://jersey.java.net/

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Third-party package
jettison
Version 1.000000000000001

Source
https://github.com/jettison-json/jettison

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Jetty
Version 7.6.0

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http://eclipse.org/jetty/

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Jetty JASPI
Version 9.4.18.v2019429

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Jetty Servlet
Version 3.1

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Jetty Jasper
Version 8.5.40

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JFlex
Version 1.0

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jflex.de

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JFreeChart Plugin
Version 2.5.18

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jQuery File Download
Version 1.4.3

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http://johnculviner.com/category/jquery-file-download/

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jQuery Form
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http://malsup.com/jquery/form

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jQuery hoverIntent
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jQuery Knob
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jQuery prettyCheckboxes
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http://www.no-margin-for-errors.com/projects/prettyCheckboxes

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jQuery Superfish
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http://users.tpg.com.au/j_birch/plugins/superfish

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jQuery tablesorter
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http://tablesorter.com

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jQuery timers
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Version 3.1.1

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JSP API 2.1
Version 2.1.v20091210

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libesmtp
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   d. If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then

you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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3. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

4. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

5. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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   b. Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

   c. Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d. If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e. Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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Python 2.6.2 License

A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, anon-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Releases	Derived from	Year	Owner	GPL-compatible
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.5	2.4	2006	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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zlib License

zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.2, October 3rd, 2004

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5

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