

Hitachi Content Platform

9.0

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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 9.0 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 contains complete instructions for configuring, managing, and maintaining 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 contains complete instructions for configuring, managing, and maintaining 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-supported protocols to store, retrieve, and deleting objects, as well as changing object metadata such as retention and shred settings.
- *Using HCP Data Migrator* — This book contains the information you need 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 window-based interface and the set of command-line tools included in HCP-DM.
- *Installing an HCP System* — This book provides the information you need to install the software for a new HCP system. It explains what you need to know to successfully configure the system and contains step-by-step instructions for the installation procedure.
- *Deploying an HCP-VM System on ESXi* — This book contains all the information you need 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 contains all the information you need 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.
- *HCP-DM Third-Party Licenses and Copyrights* — This book contains copyright and license information for third-party software distributed with or embedded in HCP Data Migrator.
- *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 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.

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

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[Hitachi Vantara Community](#) is a global online community for Hitachi Vantara customers, partners, independent software vendors, employees,

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Thank you!

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.

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 ["Chapter 1: Introduction"](#) on page 11.

For the text of the licenses identified in this section, see ["Chapter 4: Licenses for third-party components"](#) on page 45.

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ethtool	4.17	2.fc29	
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e2fsprogs-libs	1.44.3	1.fc29	
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device-mapper- multipath-libs	0.7.7	5.git6d98b.5.hcp820	

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kernel	4.19.10	300.4.hcp900	
kernel-core	4.19.10	300.4.hcp900	
kernel-modules	4.19.10	300.4.hcp900	

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NetworkManager	1.12.6	3.fc29	
NetworkManager-dispatcher-routing-rules	1.12.6	5.fc29	
NetworkManager-libnm	1.12.6	3.fc29	
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	6.fc29	
htop	2.2.0	3.fc29	
hwdata	0.318	1.fc29	
iftop	1.0	0.18.pre4.fc29	
iotop	0.6	18.fc29	
ipcalc	0.2.4	2.fc29	
iproute-tc	4.18.0	3.fc29	
kmod	25	3.fc29	
libnetfilter_conntrack	1.0.7	1.fc29	

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libnetfilter_cttimeout	1.0.0	12.fc29	
libnfnetwork	1.0.1	14.fc29	
libreport-filesystem	2.9.7	1.fc29	
libsigsegv	2.11	6.fc29	
linuxconsoletools	1.6.0	2.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	0.52.20160912git.fc29	
pciutils	3.6.2	1.fc29	
pciutils-libs	3.6.2	1.fc29	
psmisc	23.1	4.fc29	
python2-rpm	4.14.2.1	2.fc29	
rpm	4.14.2.1	2.fc29	
rpm-plugin-selinux	4.14.2.1	2.fc29	
selinux-policy	3.14.2	44.fc29	
slang	2.3.2	4.fc29	
smartmontools	6.6	5.fc29	
smem	1.5	1.fc29	
sysstat	11.7.3	2.fc29	
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GPLv2+ and GPL+ (see "GNU General Public License, Version 2+ (GPLv2+)" on page 156, see "GNU General Public License, Version 2 (GPLv2)" on page 149)			
os-prober	1.74	7.fc29	
GPLv2+ and GPLv3+ (see "GNU General Public License, Version 2+ (GPLv2+)" on page 156, see "GNU General Public License, Version 3 (GPLv3)" on page 157)			
man-db	2.8.4	1.fc29	
GPLv2+ and LGPLv2+ (see "GNU General Public License, Version 2+ (GPLv2+)" on page 156, see "GNU Lesser General Public License, Version 2+ (LGPLv2+)" on page 172)			
cryptsetup	2.0.6	1.fc29	
cryptsetup-libs	2.0.6	1.fc29	
dracut	049	25.git20181204.hcp820	
dracut-network	049	25.git20181204.hcp820	
keyutils	1.5.10	8.fc29	
keyutils-libs	1.5.10	8.fc29	
libblockfile	1.14	2.fc29	

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minicom	2.7.1	9.fc29	
GPLv2+ and LGPLv2+ with exceptions (see "GNU General Public License, Version 2+ (GPLv2+)" on page 156, see "GNU Lesser General Public License, Version 2+ (LGPLv2+)" on page 172)			
rpm-build-libs	4.14.2.1	2.fc29	
rpm-libs	4.14.2.1	2.fc29	
rpm-sign-libs	4.14.2.1	2.fc29	
GPLv2+ and Public Domain (see "GNU General Public License, Version 2+ (GPLv2+)" on page 156)			
iproute	4.18.0	3.fc29	
xz	5.2.4	3.fc29	
GPLv2+ or Artistic (see "GNU General Public License, Version 2+ (GPLv2+)" on page 156, see "Artistic License, version 2.0" on page 55)			
perl-Getopt-Long	2.50	417.fc29	
GPLv2+ or LGPLv3+ (see "GNU General Public License, Version 2+ (GPLv2+)" on page 156, see "GNU Lesser General Public License, Version 3 (LGPLv3)" on page 184)			
elfutils-default-yama-scope	0.174	5.fc29	
elfutils-libelf	0.174	5.fc29	
elfutils-libs	0.174	5.fc29	
GPLv2+ with exceptions (see "GNU General Public License, Version 2+ (GPLv2+)" on page 156)			
pkgconf-m4	1.5.3	2.fc29	
GPLv3 (see "GNU General Public License, Version 3 (GPLv3)" on page 157)			
crash	7.2.3	2.fc29	
hfcldd	4.32.22.4336	11.2.hcp900	

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kmod-hfcldd-4.19.10-300.4.hcp900.x86_64	4.32.22.4336	11.2.hcp900	
which	2.21	11.fc29	
GPLv3+ (see "GNU General Public License, Version 3 (GPLv3)" on page 157)			
bash	4.4.23	5.fc29	
binutils	2.31.1	13.fc29	
coreutils	8.30	6.fc29	
coreutils-common	8.30	6.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	

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gnupg2	2.2.11	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	
grub2-pc	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	
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	2.fc29	
parallel	20180322	2.fc29	
patch	2.7.6	8.fc29	
readline	7.0	12.fc29	
rsync	3.1.3	4.fc29	
screen	4.6.2	6.fc29	
sed	4.5	2.fc29	
tar	1.30	6.fc29	
wget	1.19.5	5.fc29	
zile	2.4.14	2.fc29	
GPLv3+ and (GPLv2+ or LGPLv3+) (see "GNU General Public License, Version 3 (GPLv3)" on page 157, see "GNU General Public License, Version 2+ (GPLv2+)" on page 156, see "GNU Lesser General Public License, Version 3 (LGPLv3)" on page 184)			
elfutils	0.174	5.fc29	

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emacs-filesystem	26.1	6.fc29	
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gzip	1.9	7.fc29	Copyright (C) 1990 - 2018 Free Software Foundation Copyright (C) 1990 - 2009 @copyright Free Software Copyright (C) 1995 - 2018 dnl Free Software Foundation Inc Copyright (C) 1990 - 1992 Not Mark Adler Copyright (C) 1990 - 2009 Free Software Copyright (C) 1987 - 2018 Free Software Foundation Inc Copyright (C) 1988 - 2018 Free Software Copyright (C) 1997 - 2018 dnl Free Software Foundation Copyright (C) 2005 - 2009 © Copyright (C) 1993 add.c not (n) Mark Adler Copyright (C) 2001 - 2002 Sverre Jarp (HP Labs) Copyright (C) 1992 - 1993 Jean-loup Gailly Copyright (C) 1991 - 2007 years (such as 90 2008) in a Copyright (C) 1993 sub.c not (n) Mark Adler Copyright (C) 1994 X Consortium Copyright (C) 1998 - 2018 Free Software Foun- Copyright (C) 2007 Free Software Foundation Inc http://fsf.org/ Copyright (C) 2001 - 2018 Free Software Foundation Inc
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gawk	4.2.1	3.fc29	Copyright (C) 1996 - 2012 Specialized System Consultants Inc (SSC) Copyright (C) 1996 main.c (copyleft) Update date to Copyright (C) 2014 - 2016 the Free Software Foundation Inc Copyright (C) 1996 Free Software Foundation Inc Copyright (C) 1996 Specialized System Consultants Inc (SSC) Copyright (C) 1995 - 2010 Ulrich Drepper drepper@gnu.ai.mit.edu Copyright (C) 1996 97 99 Free Software Foundation Inc Copyright (C) 1995 - 2015 dnl Copyright (C) 1991 - 2011 - the Free Software Foundation Inc Copyright (C) 2007 All relevant files Updated year to Copyright (C) 1996 mawk 1.3.3 Nov Michael D Brennan Copyright (C) 1989 - 2015 @print Free Software Foundation Copyright (C) 2007 Free Software Foundation Inc http://fsf.org/ Copyright (C) 1986 - 2018 the Free Software Foundation Inc Copyright (C) 2008 @copyright Davide Brini Copyright (C) 1995 - 2015 dnl Free Software Foundation Inc Copyright (C) 1994 X Consortium Copyright (C) 1995 - 2018 dnl the Free Software Foundation Inc Copyright (C) 1989 - 2014 Free Software Foundation Copyright (C) 2003 - 2018 Free Software Foundation Inc Copyright (C) 1984 - 2018 Free Software Foundation Inc Copyright (C) 1988 - 2017 Free Software Copyright (C) 1995 - 2014 dnl Free Software Foundation Copyright (C) 1996 Too many files to list Update date to Copyright (C) 2004 - 2008 Paul Hsieh Licenced under LGPL 2.1 Copyright (C) 2006 - 2008 Junio C Hamano

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gettext	0.19.8.1	18.fc29	
gnutls	3.6.5	1.fc29	
libtasn1	4.13	5.fc29	
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samba-client-libs	4.9.4	0.hcp820	
samba-common	4.9.4	0.hcp820	
samba-common-libs	4.9.4	0.hcp820	
samba-common-tools	4.9.4	0.hcp820	
samba-libs	4.9.4	0.hcp820	
samba-winbind	4.9.4	0.hcp820	

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gnupg	1.4.23	2.fc29	
<i>IJG</i> (see "IJG License" on page 200)			
libjpeg-turbo	2.0.0	1.fc29	

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periodic	0.7	5.hcp820	
LGPL-2.1-or-later and GPL-2.0-or-later (see "GNU Library General Public License, Version 2 (LGPLv2)" on page 190, see "GNU General Public License, Version 2 (GPLv2)" on page 149)			
strace	4.26	1.fc29	
LGPLv2 (see "GNU Lesser General Public License, Version 2+ (LGPLv2+)" on page 172)			
device- mapper- event-libs	1.02.154	1.fc29	
device- mapper-libs	1.02.154	1.fc29	
libcroco	0.6.12	5.fc29	
libmspack	0.9.1	0.1.alpha.fc29	
libseccomp	2.3.3	3.fc29	
lockdev	1.0.4	0.28.20111007git.fc29	
lvm2-libs	2.02.183	1.fc29	

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numactl-libs	2.0.12	1.fc29	
LGPLv2 and zlib (see "GNU Lesser General Public License, Version 2+ (LGPLv2+)" on page 172, see "zlib License" on page 289)			
cups-libs	2.2.8	10.fc29	Copyright (C) 1999 Aladdin Enterprises All rights reserved Copyright (C) 2005 Trusted Computer Solutions Inc Copyright (C) 2007 - 2018 Apple Inc Copyright (C) 2005 - 2006 Hewlett-Packard Development Company L.P Copyright (C) 1989 - 2013 Free Software Foundation Inc Copyright (C) 1991 the Massachusetts Institute of Technology Copyright (C) 1997 - 2007 Easy Software Products all rights reserved Copyright (C) 1997 - 2006 Easy Software Products Copyright (C) 2001 - 2006 Easy Software Products All rights reserved Copyright (C) 2011 Original DBUS/colord code is Red Hat Inc Copyright (C) 2005 - 2016 Apple Inc All rights reserved Copyright (C) 2007 - 2018 Apple Inc Copyright (C) 2007 Tim Waugh twaugh@redhat.com Copyright (C) 1992 - 2012 @ @ Free Software Foundation Inc Copyright (C) 2006 This file contains Kerberos support code Copyright (C) 1997 - 2007 Easy Software Products all rights reserved Copyright (C) 2011 - 2013 Red Hat Inc Copyright (C) 1993 - 2007 Easy Software Products

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GeoIP	1.6.12	4.fc29	
SDL	1.2.15	33.fc29	
alsa-lib	1.1.7	3.fc29	
audit-libs	3.0	0.5.20181218gitbdb72c0.fc29	
avahi-libs	0.7	16.fc29	
cracklib	2.9.6	15.fc29	
cracklib-dicts	2.9.6	15.fc29	
crypto-policies	20181026	1.gitd42aaa6.fc29	
fuse-libs	2.9.7	14.fc29	

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gpgme	1.11.1	3.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	
libcap-ng	0.7.9	4.fc29	
libesmtp	1.0.6	16.hcp820	
libestr	0.1.9	11.fc29	
libfdisk	2.32.1	1.fc29	
libgcrypt	1.8.4	1.fc29	
libgpg-error	1.31	2.fc29	
libmnl	1.0.4	8.fc29	

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libmount	2.32.1	1.fc29	
libndp	1.7	2.fc29	
libsemanage	2.8	4.fc29	
libsepol	2.8	2.fc29	
libsmartcols	2.32.1	1.fc29	
libssh	0.8.5	1.fc29	
libsysfs	2.1.0	25.fc29	
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	3.4.0	17.20180522git70f7e08.fc29	
mariadb-connector-c	3.0.7	1.fc29	
mariadb-connector-c-config	3.0.7	1.fc29	
npth	1.5	6.fc29	
polkit-libs	0.115	4.1.fc29	
python2-gpg	1.11.1	3.fc29	
python2-pyxattr	0.5.6	2.fc29	
python2-urlgrabber	3.10.1	16.fc29	
python3-audit	3.0	0.5.20181218gitbdb72c0.fc29	
python3-libsemanage	2.8	4.fc29	

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qrencode-libs	3.4.4	6.fc29	
systemd-udev	239	7.git3bf819c.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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gettext-libs	0.19.8.1	18.fc29	

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efivar-libs	37	1.fc29	
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libref_array	0.1.5	41.fc29	
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bind-libs-lite	9.11.4	13.P2.hcp820	
bind-license	9.11.4	13.P2.hcp820	
bind-utils	9.11.4	13.P2.hcp820	
nspr	4.20.0	1.fc29	
nss	3.41.0	1.fc29	
nss-softokn	3.41.0	1.fc29	
nss-softokn-freebl	3.41.0	1.fc29	
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<i>OpenSSL</i> (see "OpenSSL and SSLeay Licenses" on page 245)			
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openssl	1.1.1	3.fc29	
openssl-libs	1.1.1	3.fc29	
<i>PostgreSQL</i> (see "PostgreSQL License" on page 266)			
postgresql	10.6	1.hcp820	
postgresql-libs	10.6	1.hcp820	

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postgresql-plpython	10.6	1.hcp820	
postgresql-server	10.6	1.hcp820	
postgresql-upgrade	10.6	1.hcp820	
<i>PostgreSQL or Python</i> (see "PostgreSQL License" on page 266, see "Python License" on page 269)			

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libargon2	20161029	6.fc29	
<i>Python</i> (see "Python License" on page 269)			
python-unversioned-command	2.7.15	11.fc29	
python2	2.7.15	11.fc29	
python2-libs	2.7.15	11.fc29	
python3	3.7.1	4.fc29	
python3-libs	3.7.1	4.fc29	

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perl-Text-Tabs+Wrap	2013.0523	417.fc29	

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zlib	1.2.11	14.fc29	<p>Copyright (C) 1998 Andreas R Kleinert Copyright (C) 1990 - 2000 Info-ZIP All rights reserved Copyright (C) 2003 Chris Anderson christop@charm.net Copyright (C) 2003 - 2012 gzappend 1.2 (11 Oct 2012) Mark Adler Copyright (C) 2003 Cosmin Truta Copyright (C) 1995 - 2017 Jean-loup Gailly Mark Adler Copyright (C) 2004 - 2005 Mark Adler Copyright (C) 1995 - 2017 Jean-loup Gailly Copyright (C) 1997 99 Borland Corporation Copyright (C) 1997 The original ZLib unit is 99 Borland Corp Copyright (C) 1998 - 2005 Gilles Vollant Copyright (C) 1998 - 2010 MiniZip - - Gilles Vollant - version 1.1 64 bits from Mathias Svensson Copyright (C) 1995 - 2017 Mark Adler Copyright (C) 1996 L Peter Deutsch Copyright (C) 1996 L Peter Deutsch and Jean-Loup Gailly Copyright (C) 1998 - 2010 - Gilles Vollant Even Rouault Mathias Svensson Copyright (C) 1995 - 2017 zlib is Jean-loup Gailly and Mark Adler Copyright (C) 1998 - 2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html) Copyright (C) 1998 Bob Dellaca Copyright (C) 1998 - 2000 Jacques Nomssi Nzali Copyright (C) 2007 - 2008 Even Rouault Copyright (C) 1995 - 2017 Jean-loup Gailly and Mark Adler Copyright (C) 2009 - 2010 Mathias Svensson (http://result42.com) Copyright (C) 1998 - 2007 Brian Raiter breadbox@muppetlabs.com Copyright (C) 2004 Henrik Ravn Copyright (C) 2002 - 2004 -- Dmitriy Anisimkov -- Copyright (C) 2002 - 2016 Mark Adler all rights reserved</p>

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Airspeed
Version r56

Source

<https://github.com/purcell/airspeed>

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Apache Commons BeanUtils
Version 1.7.0

Source

<http://commons.apache.org/beanutils>

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Third-party package

Apache Commons Chain

Version 1.1

Source

<http://commons.apache.org/proper/commons-chain/>

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Source

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Version 1.9

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Apache Commons Collections

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<http://commons.apache.org/collections>

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Source

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Apache Commons HttpClient

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

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Apache Commons HttpComponents
Version 4.2

Source

<http://hc.apache.org/>

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Apache Commons IO
Version 2.4

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Version 1.1

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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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Apache Directory Server Core JNDI
Version 1.5.7

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Apache Directory Server Kerberos Shared
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Apache HTTP Components
Version 4.4.9

Source

<http://hc.apache.org/>

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Apache Directory Geronimo
Version 1.0.0

Source

<https://geronimo.apache.org/>

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Apache Jakarta Commons HttpClient
Version 3.0.1

Source

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

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Apache JClouds OpenStack Keystone
Version 1.8

Source

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Apache Joda-Time
Version 2.2

Source

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Apache Lucene
Version 4.0-trunk
ECCN: 5D002

Source

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Apache Lucene Test
Version 4.0-trunk
ECCN: 5D002

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Version r1099557

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

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Apache Solr War
Version 4.0-trunk

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

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Apache Struts 1
Version 1.0.2

Source

<http://struts.apache.org/>

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Apache Struts 2
Version 2.5.18-hcp

Source

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Apache Velocity
Version 1.7

Source

<http://velocity.apache.org/>

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Apache Velocity Tools
Version 1.4

Source

<http://velocity.apache.org/>

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Third-party package

ASM

Version 3.1

Source

<http://asm.ow2.io/>

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Third-party package

Atinject

Version 1

Source

<https://code.google.com/p/atinject/>

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Third-party package

Amazon Java SDK

Version 1.11.44

Source

<http://aws.amazon.com/sdkforjava/>

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Beautiful Soup

Version 3.0.3

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<http://www.crummy.com/software/BeautifulSoup>

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<http://www.bouncycastle.org>

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Cheetah
Version 2.0.1

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<http://www.cheetahtemplate.org>

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dateutil
Version 1.5

Source

<http://labix.org/python-dateutil>

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davclient
Version r5

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<http://chandlerproject.org/Projects/Davclient>

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EasyStream

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EclipseLink MOXy

Version 2.3.4-m6

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<http://www.eclipse.org/eclipseelink/#moxxy>

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ElementTree

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Source

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Elvis

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Entypo pictograms

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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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Source

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Flot Pie Chart

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Flot Time

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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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GlassFish

Using Version 3.1

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<https://glassfish.github.io/>

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Using Version 2.0.1

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Google API Java Client
Version 1.17.0

Source

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

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Google Gson
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Google Guice
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goopy
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<http://goog-goopy.sourceforge.net>

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grizzly

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Guava

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<http://code.google.com/p/guava-libraries/>

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io-tools

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Jackson
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<https://github.com/FasterXML/jackson>

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Javassist
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Source

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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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JAXB API
Version 2.1

Source

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

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Third-party package

JAXB Impl
Version 2.1.11

Source

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

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jcmdline
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Jcommon
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<http://www.jfree.org/jcommon/>

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Third-party package

JDOM

Version 1.0

Source

<http://www.jdom.org>

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Jersey

Version 1.19.4

Source

<https://jersey.java.net/>

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Third-party package

jettison

Version 1.0000000000000001

Source

<https://github.com/jettison-json/jettison>

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Third-party package

Jetty

Version 7.6.0

Source

<http://eclipse.org/jetty/>

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Jetty JASPI

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JFlex

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jflex.de

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JFreeChart Plugin

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

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jQuery Form
Version 2.95

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<http://malsup.com/jquery/form>

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Version 2.95

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<http://cherne.net/brian/resources/jquery.hoverIntent.html>

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jQuery Knob
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jQuery prettyCheckboxes
Version 1.1

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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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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.

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

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