

Product AVD9x0x0-0010
Firmware and version 3.4.57

Notes on Open Source software

The TCS device uses Open Source software that has been released under specific licensing requirements such as the “General Public License” (GPL) Version 2 or 3, the “Lesser General Public License” (LGPL), the “Apache License” or similar licenses. Any accompanying material such as instruction manuals, handbooks etc. contain copyright notes, conditions of use or licensing requirements that contradict any applicable Open Source license, these conditions are inapplicable. The use and distribution of any Open Source software used in the product is exclusively governed by the respective Open Source license. The programmers provided their software without ANY WARRANTY, whether implied or expressed, of any fitness for a particular purpose. Further, the programmers DECLINE ALL LIABILITY for damages, direct or indirect, that result from the using this software. This disclaimer does not affect the responsibility of TCS.

AVAILABILITY OF SOURCE CODE:

Where the applicable license entitles you to the source code of such software and/or other additional data, you may obtain it for a period of three years after purchasing this product, and, if required by the license conditions, for as long as we offer customer support for the device. If this document is available at the website of TCS and TCS offers a download of the firmware, the offer to receive the source code is valid for a period of three years and, if required by the license conditions, for as long as TCS offers customer support for the device. TCS provides an option for obtaining the source code: You may obtain any version of the source code that has been distributed by TCS for the cost of reproduction of the physical copy. Please send your request directly to:

TCS AG

Keyword: Open Source

E-mail: hotline@tcsag.de

Please send us the name, model number and software version, as stated in the menu / web interface under “Service” of the device, for which you want to obtain the corresponding source code. We will send you the most recent version of the source code, unless you need a particular version number. In this case, we will send you the corresponding version. There will be NO WARRANTY on the distributed source code. Further, the source code will be licensed under the same license as the corresponding binary/object code. This offer is valid to anyone. TCS is eager to comply with all requirements set by various Free or Open Source software licenses.

components

Software and version number	License and License Version	Copyright notice / remarks
busybox-1.21.1	GNU GENERAL PUBLIC LICENSE Version 2	Peter Willis, Emanuele Aina, Erik Anderson, Laurence Anderson, Jeff Angielski, Enrik Berkhan, Jim Bauer, Edward Betts, John Beppu, David Brownell, Brian Candler, Randolph Chung, Dave Cinege, Jordan Crouse, Magnus Damm, Larry Doolittle, Glenn Engel, Gennady Feldmann, Robert Griebl, Daniel Jacobowitz, Matt Kraai, Rob Landley, Stephan Linz, John Lombardo, Glenn McGrath, Manuel Novoa, Vladimir Oleynik, Bruce Perens, Rodney Radford, Tim Riker, Kent Robotti, Chip Rosenthal, Pavel Roskin, Gyepi Sam, Rob Sullivan, Linus Torvalds, Mark Whitley, Charles P. Wright, Enrique Zanardi, Tito Ragusa, Paul Fox, Roberto A. Foglietta, Bernhard Reutner, Mike Frysinger, Jie Zhang
linphone 2.1.0	General Public Licence Version 2	Simon Morlat, Florian Winterstein, Aymeric Moizard, Sharath Udupa, Sandro Santilli, Bryan Ogawa, Koichi Kunitake, Jean Marc Valin, Thomas Reitmayr, Juuta Degener, Carsten Bormann, Andy Fingerhut, Pablo Marcelo Moia, Simon Morlat, Delphine Perreau, Alberto Zanon, Jean-Jaques Sarton, Jesus Benitez
uClibc 0.9.29	GNU GENERAL PUBLIC LICENSE	Erik Andersen, Mike Frysinger, Ricard Wanderlof, Joakim Tjernlund, Paul Mundt, Jan-Benedict Glaw
linux-3.15.0	GNU GENERAL PUBLIC LICENSE Version 2	Steffen Klassert, David Dillow, Adam Radford, James EJ Bottomley, Andreas Koensgen, Realtek linux nic maintainers, Francois Romieu, Greg Kroah-Hartman, Eric Van Hensbergen, Ron Minnich, Latchesar Ionkov, Antti Palosaari, Adaptec OEM Raid Solutions, Hans de Goede, Alistair John Strachan, Jes Sorensen, Peter Feuerer, Lee, Chun-Yi, Rafaal J Wysocki, Len Brown, Robert Moore, Lv Zheng, Zhang Rui, Thibaut Varene, Michael Hennerich, Jiri Kosina, Jean Delvare, Corentin Labbe, Sakari Ailus, Dirk Eibach, Colin Leroy, Matthew Wilcox, Riccardo Facchetti, David Howells, David Airlie, Juergen E Fischer, Hannes Reinecke, Hans Verkuil, Benjamin LaHaise, Duncan Sands, Manuel Lauss, Rudolf Marek, Richard Henderson, Ivan Kokshaysky, Matt Turner, Vince Bridgers, Tobias Klausner, Tom Lendacky, Andreas Herrmann, Thomas Dahmann, Joerg Roedel, Michael Hanselmann, Tom Tucker, Steve Wise, Lars-Peter Clausen, Johannes Berg, Henrik Rydberg, Arnaldo Carvalho de Melo, Laurent Pinchart, Viresh Kumar, Jaya Kumar, Ian Molton, Will Deacon, Russell King, Lennert Buytenhek, Sergey Lapin, Maxime Ripard, Emilio López, Andrew Victor, Nicolas Ferre, Jean-Christophe Plagniol-Villard, Rob Herring, Anton Vorontsov, Alexander Shiyan, Hartley Sweeten, Ryan Mallon, Mike Rapoport, Hubert Feurstein, Richard Purdie, Hans Ulli Kroll, Barry Song, Uwe Kleine-König, Daniel Ribeiro, Stefan Schmidt, Harald Welte, Shawn Guo, Sascha Hauer, Steve Sakoman, Philipp Zabel, Paul Parsons, Kristoffer Ericson, Enric Balletbo i Serra, Javier Martinez Canillas, Marek Vasut, Dan Williams, Imre Kaloz, Krzysztof Halasa, Jonathan Cameron, Santosh Shilimkar, Jason Cooper, Andrew Lunn, Gregory Clement, Sebastian Hesselbarth, Alexander Clouter, Greg Ungerer, Robert Jarzmk, Michael Petchkovsky, Alessandro Rubini, Linus Walleij, Nelson Castillo, David Brown, Daniel Walker, Bryan Huntsman, Dmitry Eremin-Solenikov, Tomas Cech, Peter Chubb, Stefan Eletzhofer, Kumar Gala, Heiko Stuebner, Ben Dooks, Kukjin Kim, Kyungmin Park, Kamil Debski, Jeongtae Park, Tomasz Stanislawski, Simon Horman, Magnus Damm, Dinh Nguyen, Srinivas Kandagatla, Maxime Coquelin, Patrice Chotard, Mark F Brown, Wan ZongShun, Ulf Hansson, Tony Prisk, Michal Simek, Catalin Marinus, George Joseph, Corentin Chary, Wolfram Sang, Ed L Cashin, Luis R Rodriguez, Jiri Slaby, Nick Kossifidis, Kalle Valo, Vladimir Kondratiev, Christian Lamparter, Luca Tettamanti, Ville Syrjala, Jay Cliburn, Chris Snook, Chas Williams, Ludovic Desroches, Josh Wu, Simon Kelley, Bradley Grove, Eric Paris, Miguel Ojeda Sandonis, Haavard Skinnemoen, Hans-Christian Egtvedt, Ralf Baechele, Mauro Carvalho Chehab, Stefano Brivio, Larry Finger, Jingoo Han, Bryan Wu, Lee Jones, Marek Lindner, Simon Wunderlich, Antonio Quartulli, Thomas Sailer, Kent Overstreet, Tigran A Aivazian, Steven Miao, Sonic Zhang, Scott Jiang, Jan-Simon Moeller, Jens Axboe, Joern Engel, Marcel Holtmann, Gustavo Padovan, Johan Hedberg, Jay Vosburgh, Veaceslav Falico, Andy Gospodarek, Gary Zambano, Florian Fainelli, Michael Chan, Ariel Elixir, Christian Daudt, Matt Porter, Stephen Warren, Hauke Mehrtens, Nithin Nayak Sujir, Brett Rudley, Arend van Spriell, Franky (Zhenhui) Lin, Hante Meuleman, Eddie Wai, Markus Mayer, Rafal Milecki, Anil Gurumurthy, Sudarsana Kalluru, Rasesh Mody, FUJITA Tomonori, Clemens Ladisch, Michael Buesch, Chris Mason, Josef Bacik, Khalid Aziz, Mark Salter, Aurelien Jacquot, Jonathan Corbet, Dmitry Tarnyagin, Muli Ben-Yehuda, Jon D Mason, Oliver Hartkopp, Wolfgang Grandegger, Marc Kleine-Budde, Serge Hallyn, Arnd Bergmann, Sage Weil, Andy Whitcroft, Joe Perches, Harry Wei, Peter Chen, Olof Johansson, Christian Benvenuti, Sujith Sankar, Govindarajulu Varadarajan, Neel Patel, Nishank Trivedi, Upinder Malhi, Brian Austin, Paul Handrigan, Konrad Rzeszutek, Wilk, Daniel Lezcano, Thomas Gleixner, Hiral Patel, Suma Ramars, Brian Uchino, Thadeu Lima de Souza Cascardo, Daniel Oliveira Nascimento, Julia Lawall, Gilles Muller, Nicolas Palix, Michal Marek, Jan Harkes, coda@cscmued, Mike Turquette, Steve French, Scott Murray, Cezary Jackiewicz, Simon Arlott, Joel Becker, Evgeniy Polyakov, Tejun Heo, Li Zefan, Fenghua Yu, Jan Yehya Kasprzak, Sudeep Holla, Lorenzo Pieralisi, H Peter Anvin, Dominik Brodowski, Thomas Renninger, Mikael Starvik, Jesper Nilsson, Herbert Xu, David S Miller, Neil Horman, Solomon Peachy, Andy Walls, Santosh Raspatur, Dimitris Michailidis, Casey Leedom, Giuseppe Cavallaro, Ferruh Yigit, Joerg Reuter, Kurt Garloff, Guennadi Liakhovetski, Oliver Neukum, Ali Akcaagac, Jamie Lenehan, Gerrit Renker, Maciej W Rozycki, Matthew Garrett, Guenter Roeck, Doug Warzecha, Paul Zimmerman, Felipe Balbi, MyungJoo Ham, Torben Mathiasen, Alasdair Kergon, Mike Snitzer, dm-devel@redhatco, Support Opensource, Lidza Louina, Andries Brouwer, Jan Kara, Bernie Thompson, Christine Caulfield, David Teigland, Sumit Semwal, Vinod Koul, Juerg Haefliger, Shaohua Li, Randy Dunlap, James R Van Zandt, drdb-dev@lists.linbitco, Alex Deucher, Christian König, Thierry Reding, Daniel Vetter, Jani Nikula, Inki Dae, Joonyoung Shim, Seung-Woo Kim, Terje Bergström, Alexey Klimov, Michael Krufky, Jason Baron, Michael Neuffer, Dario Ballabio, Tyler Hicks, Doug Thompson, Borislav Petkov, Robert Richter, David Daney, Mark Gross, Tim Small, Jason Uhlenkott, Ranganathan Desikan, Arvind R, Johannes Thumshirn, Egor Martovetsky, Matt Fleming, Jeremy Kerr, Robert Jones, Hoang-Nam Nguyen, Christoph Raisch, Paul Gortmaker, Matt Mackall, David Woodhouse, James Smart, Michal Mirosław, Maxim Levitsky, Gavin Shan, Stephen Hemminger, Andrew Morton, Andreas Dilger, Theodore Ts'o, Mimi Zohar, Chanwoo Choi, Donghua Lee, Kevin Kim, Akinobu Mita, Robert Love, Jeff Layton, J Bruce Fields, Alexander Viro, Riku Voipio, Stefan Richter, Chris Boot, Ming Lei, Joshua Morris, Philip Kelleher, Bill Metzenhagen, Tomi Valkeinen, Timur Tabi, Li Yang, Zhang Wei, Jochen Friedrich, Pantelis Antoniou, Vitaly Bordug, Christoph Hellwig, Pavel Machek, Jaeguk Kim, Jonathan Woithe, Heungjun Kim, Robert Gerlach, Miklos Szeredi, Rik Faith, Peter Oberparleiter, Achim Leubner, Peter Korsgaard, Kishon Vijay Abraham I, Michael S Tsirkin, Steven Whitehouse, Hansjorg Lipp, Tilman Schmidt, Alexandre Courbot, Dmitry Kozlov, Kristoffer Glembo, Frank Zago, Olivier Lorin, Erik Andren, Brian Johnson, Leandro Costantino, Davidlohr Bueso, Ezequiel Garcia, Frank Seidel, Andi Kleen, Ohad Ben-Cohen, Chirag Kantharia, Stephen M Cameron, Mike Miller, Ferenc Bakonyi, HighPoint Linux Team, Jouni Malinen, Jaroslav Kysela, Mikulas Patocka, Sebastian Reichel, Jan Dumon, Arvid Brodin, Pau Oliva For, Nadia Yvette Chambers, K Y Srinivasan, Haiyang Zhang, Seth Heasley, Till Harbaum, Tony Luck, Marcelo Henrique Cerri, Fionnuala Gunter, Robert Jennings, Brian King, Santiago Leon, Dave Jeffery, Peter Tyser, Ike Panhc, Andrey Moiseev, Andy Henroid, Alexander Smirnov, Sean Young, Matthew Castet, Stanislaw Gruszka, Samuel Iglesias Gonsalvez, Jens Taprogge, Dmitry Kasatkin, Roland Dreier, Sean Hefty, Hal Rosenstock, John McCutchan, Dmitry Torokhov, Intel SCU Linux support, Artur Paszkiewicz, Dave Jiang, Maik Broemme, Antonino Daplas, Sujith Thomas, Tigran Aivazian, Deepak Saxena, Jeff Kirsher, Jesse Brandeburg, Bruce Allan, Carolyn Wyborny, Don Skidmore, Greg Rose, Alex Duyck, John Ronciak, Mitch Williams, Linux NICS, David Cohen, Stanislav Yakovlev, Richard L Maliszewski, Gang Wei,

	<p>Shane Wang, Inaky Perez- Gonzalez, linux-wimax@intelco, Emmanuel Grumbach, Intel Linux Wireless, Tomas Winkler, Pat Gefre, Juanjo Ciarlante, Sorbica Shieh, Mike Marcinsizyn, Corey Minyard, Wensong Zhang, Julian Anastasov, David Sterba, Samuel Ortiz, Benjamin Herrenschmidt, Mike Christie, Or Gerlitz, Roi Dayan, Karsten Keil, Armin Schindler, Malcolm Priestley, Dave Kleikamp, Guo- Fu Tseng, Jovi Zhangwei, Yann E MORIN, Vivek Goyal, Haren Myneni, Ian Kent, Gleb Natapov, Paolo Bonzini, Alexander Graf, Xiantao Zhang, Christian Borntraeger, Cornelia Huck, linux390@deibmco, Christoffer Dall, Marc Zyngier, Eric Biederman, David Safford, Jason Wessel, Vegard Nossum, Pekka Enberg, Ananth N Mavinakayanahalli, Anil S Keshavamurthy, Masami Hiramatsu, Juergen Stuber, Rusty Russell, Sasha Levin, Paul Mackerras, Anatolij Gustschin, Alistair Poppo, Marcelo Tosatti, Chris Wright, Eric Piel, Guillaume Ligneul, Peter Zijlstra, Ingo Molnar, Richard Russon (FlatCap), Prasad Joshi, Roland Stigge, Nagalakshmi Nandigama, Sreekanth Reddy, support@Isco, Mike Frysinger, Cyril Hrubis, Wanlong Gao, Jan Stancek, Stanislav Kholmanskikh, Alexey Kodanev, Hirokazu Takata, Geert Uytterhoeven, Joshua Thompson, Philip Blundell, Mattias Nissler, Patrick McHardy, Michael Kerrisk, Mirko Lindner, Thomas Petazzoni, Bing Zhao, Nicolas Pitre, Hans J Koch, Neela Syam Kolli, Amir Vadai, Johannes Weiner, Michal Hocko, Balbir Singh, KAMEZAWA Hirokyu, Brian Norris, James Hogan, Eli Cohen, Anisse Astier, Chris Ball, Andrew Veliath, Hyong-Youb Kim, Daniel Mack, Petr Vandrovec, Faisal Latif, Jon Mason, Pablo Neira Ayuso, Jozsef Kadlecsik, Paul Moore, Paul Clements, Alexey Kuznetsov, James Morris, Hideaki YOSHIFUJI, John W Linville, Manish Chopra, Sony Chacko, Rajesh Borundia, Lauro Ramos Venancio, Aloisio Almeida Jr, Trond Myklebust, Ryusuke Konishi, YOKOTA Hiroshi, GOTO Masanori, Anton Altaparmakov, Tony Lindgren, Benoit Cousson, Paul Walmsley, Kevin Hilman, Rajendra Nayak, Peter Ujfalusi, Jarkko Nikula, Jarkko Lavinne, Balaji T K, Mark Jackson, Bob Copeland, Willem Riede, Grant Likely, Pawel Moll, Mark Rutland, Ian Campbell, Jonas Bonn, Pravin Shelar, Mark Fasheh, Boaz Harrosh, Benny Halevy, Koichi Yasutake, Jeremy Fitzhardinge, Alok Kataria, Tim Waugh, Helge Deller, Jim Cromie, Linas Vepstas, Bjorn Helgaas, Richard Zhu, Mohit Kumar, Don Fry, Christoph Lameter, Remi Denis- Courmont, Bruno Prémont, Jamie Iles, Tomasz Figa, Thomas Abraham, Guan Xuetao, Anil Ravindranath, xjtujwp@gmailco, lindar_liu@usishco, Vitaly Wool, Mitchell Blank Jr, Michal Ostrowski, James Chapman, Rodolfo Giometti, Mikael Pettersson, Geoff Levand, Jim Paris, Colin Cross, Kees Cook, Richard Cochran, Roland McGrath, Oleg Nesterov, Mike Isely, Eric Miao, Haojian Zhuang, Michael Reed, qla2xxx-upstream@qlogicc, Vikas Chaudhary, iscsi-driver@qlogicc, Jitendra Kalsaria, Ron Mercer, linux-driver@qlogicc, Shahed Shaikh, Dept-HSGLinuxNICDev@qlogicc, Anders Larsen, QCA ath9k Development, Richard Kuo, Eugene Krasnikov, Yehuda Sadeh, Alex Elder, ceph-devel@vgerkernelo, Ivo van Doorn, Helmut Schaa, Nick Piggin, Alexandre Bounine, Josh Triplett, Paul E Mc Kenney, Chien Yen, Dipankar Sarma, Alessandro Zummo, Mark Brown, Stefan Achatz, Herton Ronaldo Krzesinski, Hin-Tak Leung, Chaoming Li, Martin Schwidofsky, Heiko Carstens, Sebastian Ott, Stefan Weinhuber, Stefan Haberland, Ursula Braun, Frank Blaschka, Gerald Schaefer, Ingo Tuchscherer, Steffen Maier, Sangbeom Kim, Sylwester Nawrocki, Andrzej Hajda, Byungho An, Girish K S, Vipul Pandya, Andy Shevchenko, Seungwon Jeon, Jaehoon Chung, John Stultz, Huang Shijie, Zwane Mwaikambo, Chen Liqin, Lennox Wu, Bart Van Assche, Doug Gilbert, Kai Mäkisara, Vlad Yasevich, Sascha Sommer, Stephen Smalley, John Johansen, Jayamohan Kallickal, Sathya Perla, Subbu Seetharaman, Ajit Khaparde, Shradha Shah, Dimitri Sivanich, Clifff Whickham, Eduardo Valentin, Sekhar Nori, Lad, Prabhakar, Daniele Venzano, Thomas Winischhofer, Lai Jiangshan, Casey Schaufler, Nishanth Menon, Steve Glendinning, Neil Brown, Thomas Bogendoerfer, Mattia Dongili, Alex Dubov, Takashi Iwai, Liam Girdwood, Christopher Li, Shiraz Hashim, Ishizaki Kou, Jens Osterkamp, Phillip Lougher, Jan-Benedict Glaw, Henk de Groot, Jakub Schmidtko, Ian Abbott, H Hartley Sweeten, Naren Sankar, Jarod Wilson, Scott Davilla, Manu Abraham, Steve Underwood, David Rowe, Mark Einon, Marek Belischi, David Täht, Julian Andres Klode, Marc Dietrich, Jens Frederich, Daniel Drake, Jon Nettleton, Rupesh Gujare, Willy Tarreau, Florian Schilhabel, Teddy Wang, Lior Dotan, Christopher Harrer, Ismael Luceno, William Hubbs, Chris Brannon, Kirk Reiser, Samuel Thibault, Omar Ramirez Luna, Al Cho, Forest Bond, Arnaud Patard, Ion Badulescu, Sam Creasey, Denis Kirjanov, Martin Mares, Vineet Gupta, Nicholas A Bellinger, Jamal Hadi Salim, Wong Hoi Sing, Edison, Hung Hing Lun, Mike, Jiri Pirkko, Savori-faire Linux Inc, Peter De Schrijver, Prashant Gaikwad, Laxman Dewangan, Hiroshi Doyu, Rakesh Iyer, Chris Zankel, Max Filippov, Vivien Didelot, Henrique de Moraes Holschuh, M R Swami Reddy, Vishwas A Deshpande, Milo Kim, Jon Maloy, Allan Stephens, Chris Metcalf, Samuel Chessman, Kentaro Takeda, Tetsuo Handa, Jonathan Buzard, Hugh Dickens, Peter Huewe, Ashley Lai, Marcel Selhorst, Steven Rostedt, Frederic Weisbecker, Grant Grundler, Maxim Krasnyansky, Artem Bityutskiy, Adrian Hunter, Evgeniy Dushistov, David Herrmann, Tony Finch, Benjamin Romer, David Kerschner, Vinayak Holikatti, Santosh V, Richard Weinberger, Pontus Fuchs, Gerd Hoffmann, Cesar Miquel, Alan Stern, Olav Kongas, Matthew Dharm, Matthias Ulrichs, Petko Manolov, Pete Zaitcev, Johan Hovold, Luca Risolia, Jussi Kivilinna, Mathias Nyman, Antoine Jacquet, Jeff Dike, Karel Zak, Michal Januszewski, OGAWA Hirofumi, Alex Williamson, Pawel Osciak, Marek Szyrowski, Amit Shah, Roger Luethi, Bruce Chang, Florian Tobias Schandinat, Martyn Welch, Manohar Vanga, Shreyas Bhatwara, VMware, Inc, Arvind Kumar, VMWare PV-Drivers, Roger Lucas, Tony Olech, Marc Hulsman, Pierre Ossman, Wim Van Sebroeck, Miroslav Zagorac, David Härdeman, Miloslav Trmac, Andrew Hendry, Boris Ostrovsky, David Vabel, Stefano Stabellini, Wei Liu, Dave Chinner, Anirudha Sarangi, John Linn, Jean-Paul Roubelat, Henk Vergonet, Seth Jennings, Ulrich Kunitz, Minchan Kim, Nitin Gupta, Linus Torvalds,</p>
--	--

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too. When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things. To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights. We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software. Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations. Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all. The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the

term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program. You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
 - a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
 - b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
 - c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, 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 Program, 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.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) 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; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. [This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.]

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code 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.

If distribution of executable or 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 counts as distribution of the source code, even though third parties are not compelled to copy the source code along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does. Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to

redistribute it under certain conditions; type `show c' for details.

OPEN SOURCE SOFTWARE

The hypothetical commands ``show w`` and ``show c`` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w`` and ``show c``; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names: Yoyodyne, Inc., hereby disclaims all copyright interest in the program ``Gnomovision`` (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.