

**Oracle® Communications**  
**Session Router – S-Cz9.1.0**

**Program Documentation – License Document**

June 2023

## Contents

<b>Copyright Notices.....</b>	<b>3</b>
License Restrictions Warranty/Consequential Damages Disclaimer.....	3
Warranty Disclaimer.....	3
Restricted Rights Notice.....	3
Hazardous Applications Notice.....	3
Trademark Notice.....	3
Access to Oracle Support.....	3
Third Party Content, Products, and Services Disclaimer.....	4
<b>Oracle Linux License Agreement.....</b>	<b>5</b>
<b>Oracle Communications Session Router – S-Cz9.1.0 – Licensing Notes.....</b>	<b>9</b>
<b>Third-Party Commercial and Open Source Software.....</b>	<b>22</b>
Commercial Software.....	22
Open Source Disclosure.....	24
Appendix A: GNU Lesser General Public License, 2.1 (LGPL-2.1).....	89
Appendix B: GNU General Public License, version 2 (GPL-2.0).....	98
Appendix C: GNU General Public License, version 3 (GPL-3.0).....	103
Appendix D: Apache Public License.....	114
Acpid License.....	117

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Product	Subproduct	Licensing Description
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Product	Subproduct	Licensing Description
		<p>and end times, days of week, media profiles, and carrier elements:</p> <ul style="list-style-type: none"> <li>• ENUM Database support</li> <li>• LRT (local route table)</li> </ul> <p><b>SIP</b> – Respond to/forward SIP signaling messages and set up SIP sessions based on the system configuration. Allows configuration of SIP-related configuration objects.</p> <p><b>IPFIX interface</b> – The IPFIX custom interface on the SBC allows for monitoring packet level data. This interface is restricted to be used on the Oracle Communications monitoring products.</p> <p><b>STIR SHAKEN</b> - Enables the use of REST API calls to STI servers for the purposes of STIR authentication and validation.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Acme Packet 4600, 6100, or 6300 platform</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Server X7-2</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Server X8-2</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Determines the maximum number of SIP sessions allowed by Oracle Communications Session Router.</p> <p>This license provides access to operating system and basic node management functions such as CLI, FTP and SNMP. The following features are available with the base license.</p> <p><b>ACP</b> - Allows Oracle Communications Session Router system to respond to external ACP requests (required for Oracle Communications Delivery Management Suite).</p> <p><b>TLS</b> (Transport Layer Security) – This feature enables cryptographic security for the SIP protocol. <u>Exceptions:</u> Not applicable to VNF. Requires separate TLS license.</p> <p><b>HA</b> - Enables sending and receiving HA heartbeat and check-pointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object.</p> <p><b>IDS</b> – Allows configuration of traps sent when endpoints are demoted to “denied” status. Allows configuration of syslog messages to be recorded when endpoints are demoted to “denied” status. Enables dynamic demotion of endpoints</p>

Product	Subproduct	Licensing Description
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	<p>Oracle Communications Session Router, Accounting – Integrated Software Option – Per 500 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows Oracle Communications Session Router to create call accounting records using Diameter, Radius or by collecting the information in flat files that can stored locally or pushed via FTP to an external server.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO Oracle Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, Government Security Certification - Integrated Software Option – per 500 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO Oracle Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, Government Security Certification - Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per500 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual</li> </ul> <p>This license requires an equal number of Oracle</p>

Product	Subproduct	Licensing Description
		<p>Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, IPsec Trunking - Integrated Software Option - per 500 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of IPsec protocol (including IKEv1, IKEv2 or manual keys) for protecting signaling.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• SSM3 module (for Acme Packet 4600, 6100, or 6300 platforms only)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router - Integrated Software Option - per500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO Oracle Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, IPsec Trunking - Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of IPsec protocol (including IKEv1, IKEv2 or manual keys) for protecting signaling.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• SSM3 module (for Acme Packet 4600, 6100, or 6300 platforms only)</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router - Integrated Software Option - per500 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual</li> </ul> <p>This license requires an equal number of Oracle Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, Lawful Intercept - Integrated Software Option - per 500 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router - Integrated</li> </ul>



Product	Subproduct	Licensing Description
		<p>Software Option – per 500 Concurrent Sessions Metric</p> <p>This license requires an equal number of ISO Oracle Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, Lawful Intercept - Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI types supported.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual</li> </ul> <p>This license requires an equal number of Oracle Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, Load Balancing - Integrated Software Option – per 500 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO Oracle Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, Load Balancing - Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router - Network-Wide</li> </ul>

Product	Subproduct	Licensing Description
		<p>Concurrent Session Perpetual</p> <p>This license requires an equal number of Oracle Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, REST API for Third Party Use – Integrated Software Option – per 500 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables automated management of the SR from 3<sup>rd</sup> party (i.e. non Oracle) applications and services.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, REST API for Third Party Use – Network-Wide Concurrent Session Perpetual</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Enables automated management of the SR from 3<sup>rd</sup> party (i.e. non Oracle) applications and services.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Session Router, SIP/SIP-I Interworking – Integrated Software Option – per 500 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of ISO session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Router, SIP/SIP-I Interworking – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual</li> </ul> <p>This license requires an equal number of session capacity licenses.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Router, Transport Layer Security (TLS) – Network-Wide Concurrent Session Perpetual	<p><b>Product Editions and Permitted Features</b> Enables the use of TLS for encryption of SIP signaling for virtual SRs</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 500 Concurrent Sessions Metric</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router - Network-Wide Concurrent Session Perpetual</li> </ul> <p>This license requires an equal number of Oracle Communications Session Router session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> This license is only applicable to SR VNF</p>
<b>Messages per Second Based Licenses</b>		
Oracle Communications Session Router	Oracle Communications Session Router, Government Security Certification - Integrated Software Option – per 1K Messages per Second Metric	<p><b>Product Editions and Permitted Features</b> Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 1K Messages per Second Metric</li> </ul> <p>This license requires an equal number of ISO Oracle Communications Session Router message per second capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Router, Government Security Certification - Network-Wide Message per Second Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 1K Messages per Second</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router - Network-Wide Message per Second Perpetual</li> </ul> <p>This license requires an equal number of Oracle Communications Session Router message per second capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Session Router, Load Balancing - Integrated Software Option – per 1K Messages per Second Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 1K Messages per Second Metric</li> </ul> <p>This license requires an equal number of ISO Oracle Communications Session Router message per second capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Session Router, Load Balancing - Network-Wide Message per Second Perpetual	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 1K Messages per Second</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router - Network-Wide Message per Second Perpetual</li> </ul> <p>This license requires an equal number of Oracle Communications Session Router message per second capacity licenses</p>

Product	Subproduct	Licensing Description
		<p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Router, REST API for Third Party Use – Integrated Software Option – per 1K Message per Second Metric</p>	<p><b>Product Editions and Permitted Features</b> Enables automated management of the SR from 3<sup>rd</sup> party (i.e. non Oracle) applications and services.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 1K Messages per Second Metric</li> </ul> <p>This license requires an equal number of ISO Oracle Communications Session Router message per second capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Router, REST API for Third Party Use – Network-Wide Message per Second Perpetual</p>	<p><b>Product Editions and Permitted Features</b> Enables automated management of the SR from 3<sup>rd</sup> party (i.e. non Oracle) applications and services.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 1K Messages per Second</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router - Network-Wide Message per Second Perpetual</li> </ul> <p>This license requires an equal number of Oracle Communications Session Router message per second capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	<p>Oracle Communications Session Router, SIP/SIP-I Interworking – Integrated Software Option – per 1K Messages per Second Metric</p>	<p><b>Product Editions and Permitted Features</b> Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Session Router – Integrated Software Option – per 1K Messages per Second Metric</li> </ul> <p>This license requires an equal number of ISO Oracle Communications Session Router message per second capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Session Router, SIP/SIP-I Interworking – Network-Wide Message per Second Perpetual	<p><b>Product Editions and Permitted Features</b> Allows native SIP/SIP-I interworking, which is enabled via the sipi-behavior option of the sip-config element.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router – Integrated Software Option – per 1K Messages per Second</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router - Network-Wide Message per Second Perpetual</li> </ul> <p>This license requires an equal number of Oracle Communications Session Router message per second capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Session Router, Transport Layer Security (TLS) – Network-Wide Message per Second Perpetual	<p><b>Product Editions and Permitted Features</b> Enables the use of TLS for encryption of SIP signaling for virtual SRs</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Session Router - Network-Wide Message per Second Perpetual</li> </ul> <p>This license requires an equal number of Oracle Communications Session Router message per second capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> This license is only applicable to SR VNF</p>

# Third-Party Commercial and Open Source Software

## Commercial Software

Commercial software used in Oracle Communications Session Router – S-CZ9.1.0 is identified in the following table with the following license notes, restrictions, and disclaimers.

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Cavium	u-boot – 1.1.1	GPL 2.0 - See APPENDIX B
Icon Laboratories	Envoy SNMP – 3.6	Used under license from Icon Laboratories, All Rights Reserved.
Mocana	NanoSec Standard and Advanced – 5.1.1	Used under license from Mocana, All Rights Reserved
	NanoSSH Advanced – 5.1.1	Used under license from Mocana, All Rights Reserved
	NanoSSH Client and Server – 5.1.1	Used under license from Mocana, All Rights Reserved
	Embedded IKE – 5.1.1	Used under license from Mocana. All Rights Reserved.
	Embedded SSH Client and Server – 5.1.1	Used under license from Mocana. All Rights Reserved.
	Embedded SSL Server – 5.1.1	Used under license from Mocana. All Rights Reserved.
	bitstring.h (4 <sup>th</sup> party of Mocana)	<p>Copyright (c) 1989, 1993 The Regents of the University of California. All rights reserved.</p> <p>This code is derived from software contributed to Berkeley by Paul Vixie.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the</li> </ol>

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	ARTP/RTCP	Used under license from Radvision, All Rights Reserved
	ASN.1 Compiler Add-On for H.323 for Windows	Used under license from Radvision, All Rights Reserved
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Andreas Gruenbacher	Acl 2.2.51-15	LGPL 2.1 - See APPENDIX A
Ted Felix	Acpid 2.0.19-9	<a href="#">Acpid License</a>
Netfilter Core Team	Arptables 0.0.4-8	<p>Author: Bart De Schuymer , but almost all code is from the iptables userspace program, which has main authors: Paul.Russell@rustcorp.com.au and mneuling@radlogic.com.au</p> <p>GNU GENERAL PUBLIC LICENSE</p> <p>Version 2, June 1991</p> <p>See Appendix B</p>
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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																																																																																																																																					
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2.1.1	2.1+2.0.1	2001	PSF	yes																																																																																																																																					
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Version 3, 29 June 2007

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\*

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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) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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for details.
```

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
```

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