



## Java Code Signing

**Java Code Signing certificate used to sign codes is dedicated to programmers creating applications for Java platforms. Thanks to this certificate it is possible to sign the software's original binary code electronically and to have electronic signatures verified by a recipient of an application. This certificate is compatible with Java Code Signing technology created by Sun Microsystems company to ensure integrity and authenticity of Java technology software. Java Code Signing certificate authenticates a creator of an application and carries the author's name and/or data of the company that created it.**

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### Special offer for Open Source Projects

Special offer is addressed to all interested developers and software producers, who work within the framework Open Source license. We would like to offer possibility of obtaining certificates for signing code application. Certificates are being issued for 12-month validity period.

[» more](#)

To download the above-mentioned certificate, please follow the steps:

- Step 1: Select certificate and go to electronic application for certificate issuance
- Step 2: In the field Company (organization O) and in the field subject (CommonName CN) please add phrase „Open Source Developer“
- Step 3: in the option „payment“, select “Special offer” and enter the phrase „Open Source Developer“
- Step 4: Within 7 days of receipt of the certificate fill out the [application](#). Please make sure to give the same e-mail address which was given for the ordered certificate\*.

While certificate issuance process, after receiving the application by CERTUM, information about required documents will be delivered to the purchaser. Documents are intended for verification of data included in the certificate. Certificate issuance comes only after correct verification of the purchaser.

*\* - In case of not delivering filled application or entering invalid data, CERTUM reserves right to revoke certificate.*

### Application

This certificate is mainly used to ensure integrity of created software. It is used to protect distributed applets and applications prepared on Java platforms against hackers' interference and harmful codes infections. Since the certificate carries software author's details and/or data of a company that produced an application, it is also used to confirm the authenticity of software by means of reliable authentication of an application's author. In case of applets and applications using essential resources of an operating system, this certificate is used by an operating system to identify reliable and secure applications.

### Benefits



- reliable software identification – certified information concerning an author of an application and/or a company that produced the software,
- guaranteed security of an application – protection against code modifications by third parties,
- protection against getting infected with a harmful code (viruses, Trojan horses, etc.),
- ability to run applets and applications interfering with essential resources of a system,
- high level of the certificate drawer’s financial liability.

### Certificate technical parameters

- X.509 v.3 (RFC5280), compliant,
- secured with RSA-SHA1 cryptographic function,
- minimal cryptographic key length RSA/DSA 2048 bit, EC 571 bit: sect571k1 (NIST K-571) and sect571r1 (NIST B-571),
- issued by CERTUM - a certificate authority holding a [WebTrust](#) certificate which confirms the compliance with international standards for Certification Authorities,
- issued by CERTUM - whose root certificate is automatically recognized as trusted in modern web browsers,
- verification of the certificate’s status is possible via [CRL lists](#) and the [OCSP protocol](#).

### Technical requirements

To obtain the certificate:

- Internet browser supporting X.509 certificates (e.g. Internet Explorer, Netscape Communicator, Opera, Firefox)
- Keytool from Sun Java SDK package, available on-line at [SunMicrosystems](#)
- installed [Certum CA](#) certificate of the main certification authority (so-called ‘root’)

To sign codes and files:

- Jarsigner tool from Sun Java SDK package

### Price

Java Code Signing	USD	EUR	Validity	
Issue	\$ 185.00	€ 135.00	1 year	<a href="#">↓ BUY</a>
Renewal	\$ 95.00	€ 70.00	1 year	<a href="#">↓ BUY</a>