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# Digidoc Open-EID - Installation instructions for Debian 9 Stretch

*Release 1.1.0*

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This note shows how to install the [Estonian Electronic Identity Software](#) on Debian 9.

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**Important:** Update 20180621: Ria does not maintain the *zesti* binaries any more. Therefore I replaced the link in script to *xenial* instead. Although there are no dependency clashes on my system, I do not have the time to test a fresh install now. Feedback is appreciated.

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## 1 ID-software – what’s this?

ID-software allows you to use your ID-card electronically – use private and governmental e-services, digitally sign documents and encrypt documents for safe transfer.

During ID-software installation 3 programs are installed into your computer: ID-card utility, DigiDoc3 client and DigiDoc3 crypto.

With ID-card utility you can check the functioning of your ID-card and certificate validity, change PIN and PUK codes. The ID-card utility window displays the ID-card owner’s data and ID-card validity data. This information is constantly visible when ID-card utility is running. ID-card utility enables you to perform actions with certificates (extend them, change and unblock PIN codes and PUK code), configure @eesti.ee email address.

## 2 Installation

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**Tip:** The installer script will automatically install a plugin for Firefox-ESR. The plugin works out of the box with Firefox 57 Quantum.

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1. Download the installer [script](#).
2. Edit the script

Replace:

```
case $codename in
  wheezy)
    add_repository trusty
  *)
    make_fail "Debian $codename is not officially supported"
  ;;
```

With:

```
case $codename in
  wheezy)
    add_repository trusty
    ;;
  stretch)
    add_repository xenial
    ;;
  *)
    make_fail "Debian $codename is not officially supported"
  ;;
```

3. Download [libssl1.0.0](#) for your architecture (scroll down)
4. Install *libssl1.0.0*:

```
sudo dpkg -i libssl1.0.0_1.0.1t-1+deb8u5_amd64.deb
```

(your exact package name might be different).

5. Run the modified installation script<sup>1</sup>

```
./install-open-eid.sh
```

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**Note:** The [source code](#) of the Estonian ID software is hosted on Github.

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<sup>1</sup> The script creates the file */etc/apt/sources.list.d/ria-repository.list* with the following content:

```
deb https://installer.id.ee/media/ubuntu/ xenial main
```

Then it imports the repository key and runs *apt-get update* and *apt-get install open-eid*.