

DigiDoc for Debian 8 Jessie

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DigiDoc is a system that's widely-used in Estonia for storing, sharing and digitally signing documents.

Because digital signatures carry the same legal weight as paper signatures in Estonia, a secure, easy-to-use platform is needed to give government institutions, businesses and private persons a way to transmit files and add digital certifications.

Usage of Ubuntu Trusty Packages in Debian 8 Jessie

Unlike with Debian 7, the versions of the libraries used in Debian 8 Jessie are very close to those used in Ubuntu Trusty. This allows sometimes to use directly ubuntu packages and PPA's in Debian 8 Jessie.

Installation of Estonian DigiDoc ID-software

You need to be root to execute the following steps. Alternative installation methods are decribed [here](#).

1. Install https protocol for apt-get

```
# apt-get install apt-transport-https
```

2. Load repository key

```
# wget -O /tmp/ria-public.key https://installer.id.ee/media/install-scripts/ria-public.key
# apt-key add /tmp/ria-public.key
# rm -f /tmp/ria-public.key
```

3. Add the Ria-repository to your apt-sources

```
#echo 'deb https://installer.id.ee/media/ubuntu/ trusty main' >
/etc/apt/sources.list.d/ria-repository.list
```

This creates a file `/etc/apt/sources.list.d/ria-repository.list` with the content:

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

4. Download and install ID-software binaries

```
# apt-get update  
# apt-get install estonianidcard
```

5. Install missing dependencies should work out of the box, if not try

```
# apt-get install -f
```

Alternative: Compile DigiDoc yourself

Alternatively you can compile the binaries for Debian yourself. Instructions for the different version of DigiDoc can be found [here](#). The software is hosted in Github [in the repository "open-eid"](#) and most of the software there should build successfully with `dpkg-buildpackage -b -rfakeroot -us -uc` on Debian.