

https://layout-wizard.in-toto.io

VCS

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Language

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Finalize

What version control system are you using?

☒ git

☐ SVN

☐ Mercurial

☐ ...

☐ We use a system that is not listed here

☐ We don't use version control

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Finalize

What programming language(s) do you use?

☐ C

☐ Java

☒ Python

☐ Ruby

☐ Swift

☐ Go

☒ JavaScript

☐ Go

☐ Perl

☐ Brain***

☐ ...

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Finalize

Are you using any of below linters? *(based on programming language selection)*

☐ pylint

☐ flake8

☒ JSLint

☐ ...

☒ We use a linter that is not listed here

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How do you build your software?

(based on programming language selection)

☐ setuptools

☐ distutils

☒ uglify

☐ ...

☒ We use a system that is not listed here

☒ We don't build our software

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Do you run any of the following commands to test your software?

(based on language selection)

☒

tox

☐

unittest

☐

coverage

☒

gulp

☒

...

☒

The commands we use to test are not listed here

☒

We don't test our software

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How to you package your software?

(based on programming language selection)

☐ tar

☒ tar (gz)

☐ zip

☐ setuptools

☒ We use a packager that's not listed here

☒ We don't package our software

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Is this what you do? What else do you do?

Please remove steps we guessed wrong and add steps we missed. Also make sure that each step has a name and a command and that the order is right. Based on the information you provided we think that your software supply chain might look something like this.

Step name (must be unique)

clone

Step Command (leave empty if the step involves manual operations)

git clone <URL to your repo>

Remove Step

...

Step name (must be unique)

package

Step Command (leave empty if the step involves manual operations)

Remove Step

Add step

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Finalize


Who is allowed to do what in your project?

Upload Public Keys

Upload your "functionary" (the people who do the things) public keys. If you don't have any keys, you can easily generate them using our [in-toto key generation tool](#).



bob.pub



carl.pub

Public Key Dropzone

Authorize Functionaries

Specify, who is allowed to perform what step.

Step 1: clone

bob

▼

...

...

Step N: package

carl

▼

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
In-toto Dry Run


In order to generate a layout for you, you have to perform an in-toto Dry Run. We use the resulting metadata to generate your custom layout. Just past the following commands in a terminal and upload the resulting *.link files


Copy/Paste Commands

```
$ in-toto-run --materials . --products . --step-name clone -- git clone git@github.com:in-toto/in-toto.git@1.0
$ in-toto-run --materials . --products . --step-name lint -- flake8 in-toto
$ in-toto-run --materials . --products . --step-name package -- tar --exclude '.git' -zcvf in-toto.tar.gz in-toto
```

Upload *.link files

clone.link

lint.link

package.link

Link Metadata Dropzone

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generate layout

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Done!!

We generated your software supply chain layout for you. All you have to do now is:

1. **Download** the layout,

You can still edit it offline (it is just a JSON) file or use the web based editor.

2. **sign** it,

3. instruct your functionaries to perform their steps using **in-toto tools**, and

4. ship out **in-toto metadata** along with your software

Download Layout

Edit Layout

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