

Sourcify Plugin for Hardhat

Similar to the [hardhat verification plugin](#), this plugin submits the contract source and other info of all deployed contracts to Sourcify.

1) Tune Hardhat environment . For seamless usage, you should setup your environment [following this tutorial](#) (note, it will take an hour or so to run through). In this example we setup to use the Sokol test network. See the [Hardhat Verification Tutorial for more information on the config file setup](#) .

2) Deploy contract . [More deployment details here](#) . Note that we run from `node_modules.bin\hardhat` to circumvent `package.json` warning and use `--network sokol` to specify the network.

...

```
Copy D:\test>yarnhardhat--networksokoldeploy yarnrunv1.22.17 warningpackage.json:Nolicensefield
D:\test\node_modules.bin\hardhat--networksokoldeploy Nothingtocompiledeploying"Greeter"
(tx:0x32d11b11a547c126a4763be963f6acd0bb4f87ee7d7627e36f7d9009c57c6182)...: deployed at
0xBEA47De7132cF44D6b16617154CAA247b6568eaD with 528275 gas Donein18.81s.
```

...

3) Verify contract .

...

```
Copy D:\test>yarnhardhat--networksokolsourcify yarnrunv1.22.17 warningpackage.json:Nolicensefield
D:\test\node_modules.bin\hardhat--networksokolsourcify
verifyingGreeter(0xBEA47De7132cF44D6b16617154CAA247b6568eaDonchain77) ... =>contractGreeterisnowverified
Donein5.74s.
```

...

Confirm Verification on BlockScout

Go to your BlockScout instance and paste the contract address into the search bar.

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Scroll down to see verified status. A green checkmark ✓ means the contract is verified.

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If your screen size is limited, you may need to click the 3 dots to view and click through to the contract.

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Scroll down to see and interact with the contract code.

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Last updated 2 months ago