



DFiant

Streamlining digital
hardware design

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We are working on...



DFiant HDL (DFHDL)

An opensource dataflow
hardware description
language and framework



DFiant Remote (DFR)

A gateway into accessible
VLSI (FPGA & ASIC) tooling
via the cloud

Is (opensource) EDA tooling **accessible**?

May I use it?

- If it's OSS, yes.
- If it's vendor software, depends.

Can I use it? And what for?

Is OSS EDA tooling easy to install and use on any platform ?

No, because of ecosystem and runner dependencies:

- Machine resources
- Environment/ OS
- Other tool existence
- Specific version sensitivity

Additionally, OSS can sometimes rapidly change.

How do keep up with tool version or remain on specific versions and easily upgrade at will?

Openlane & "OSS Cad Suite" help but do not solve the entire problem.

Locally:

```
$ dfr run [cmd]
```

Two modes:

- Batch Run
- GUI Run (opens in browser)

Tool version selection is done locally for the specific work folder.

Demo:

[http:// www.dfiانت.works/ dfr](http://www.dfiانت.works/)

