

Import From Derivation (IFD)

Nix expressions are *evaluated* to produce **derivations** (among other values). These derivations when *realized* usually produce the compiled binary packages. Sometimes, realizing a derivation can produce a Nix expression representing another derivation. This generated Nix expression too needs to be *evaluated* to its derivation before it can be *realized*. This secondary evaluation is achieved by **import**ing from the derivation being evaluated, and is called “import from derivation” or IFD.

For detailed explanation, see [this blog post](#)[↗].

