Flake Inputs

The `inputs` section in `flake.nix` is an attribute set used to specify the dependencies of the current flake. There are various types of inputs, as shown in the examples below:

```
1   {
2     inputs = {
3       # GitHub repository as the data source, specifying the master branch.
4       # This is the most common input format.
5       nixpkgs.url = "github:Mic92/nixpkgs/master";
6       # Git URL, applicable to any Git repository using the https/ssh protocol.
7       git-example.url = "git+https://git.somehost.tld/user/path?ref=branch";
8       # Git URL by tag, applicable to any Git repository using the https/ssh proto
9       git-example-tag.url = "git+https://git.somehost.tld/user/path?tag=x.y.x";
10      # Github URL by pull request.
11      git-pr.url = "github:NixOS/nixpkgs?ref=pull/349351/head";
12      # Git URL with submodules, applicable to any Git repository using the https/
13      git-example-submodule.url = "git+https://git.somehost.tld/user/path?submodul
14      # Archive File URL, needed in case your input use LFS.
15      # Regular git input doesn't support LFS yet.
16      git-example-lfs.url = "https://codeberg.org/solver-orgz/treedome/archive/mas
17      # Similar to fetching a Git repository, but using the ssh protocol
18      # with key authentication. Also uses the shallow=1 parameter
19      # to avoid copying the .git directory.
20      ssh-git-example.url = "git+ssh://git@github.com/ryan4yin/nix-secrets.git?sha
21      # It's also possible to directly depend on a local Git repository.
22      git-directory-example.url = "git+file:/path/to/repo?shallow=1";
23      # Using the `dir` parameter to specify a subdirectory.
24      nixpkgs.url = "github:foo/bar?dir=shu";
25      # Local folder (if using an absolute path, the 'path:' prefix can be omitted
26      directory-example.url = "path:/path/to/repo";
27
28      # If the data source is not a flake, set flake=false.
29      # `flake=false` is usually used to include additional source code,
30      #   configuration files, etc.
31      # In Nix code, you can directly reference files within
32      #   it using "${inputs.bar}/xxx/xxx" notation.
33      # For example, import "${inputs.bar}/xxx/xxx.nix" to import a specific nix f
34      # or use "${inputs.bar}/xx/xx" as a path parameter for certain options.
35      bar = {
36        url = "github:foo/bar/branch";
```

```nix
37          flake = false;
38        };
39
40        sops-nix = {
41          url = "github:Mic92/sops-nix";
42          # `follows` is the inheritance syntax within inputs.
43          # Here, it ensures that sops-nix's `inputs.nixpkgs` aligns with
44          # the current flake's inputs.nixpkgs,
45          # avoiding inconsistencies in the dependency's nixpkgs version.
46          inputs.nixpkgs.follows = "nixpkgs";
47        };
48
49        # Lock the flake to a specific commit.
50        nix-doom-emacs = {
51          url = "github:vlaci/nix-doom-emacs?rev=238b18d7b2c8239f676358634bfb32693d3
52          flake = false;
53        };
54      };
55
56      outputs = { self, ... }@inputs: { ... };
57    }
```

Loading comments…