

RCL

configuration language
and json query tool

Did you ever ...

... wish you could import across config files?

... want $n \times m$ similar versions of a config?

... get bitten when templating yaml?

... wish you could template data, not strings?

... struggle to remember jq syntax?

Then give RCL a try!

RCL extends json into a simple functional language that enables abstraction and reuse.

```
let root = import "../Cargo.rcl";
{
  package = {
    name = "app-cli",
    version = root.package.version,
  },
  bin = [
    for target in ["foo", "bar"]:
    {
      name = f"app-{target}",
      path = f"{target}.rs",
      test = false,
      doc = false,
    }
  ],
}
```

>

```
[package]
name = "app-cli"
version = "0.1.0"

[[bin]]
doc = false
name = "app-foo"
path = "foo.rs"
test = false

[[bin]]
doc = false
name = "app-bar"
path = "bar.rs"
test = false
```

```
$ rcl evaluate --format=toml Cargo.rcl > Cargo.toml
```

```
$ rcl build
```

```
$ curl 'https://api.vultr.com/v2/regions'
```

```
| rcl query 'input.regions.key_by(r => r.id).nrt'
```

```
{ city = "Tokyo", id = "nrt", ... }
```

```
$ python3
```

```
>>> import rcl
```

```
>>> rcl.loads("{ port = 20 + 22 }")
```

```
{ 'port': 42 }
```

<https://rcl-lang.org>

Thanks!