

Source File

App Module	app.roc
Platform Module	main.roc
Package Module	main.roc
Module	Counter.roc

Parse

ParseAST

```
(module "app.roc"  
  (id "string"  
  ))
```

SoloEnv

Stores interned data,
strings, tags, names etc

Fresh environment, where
we start interning things
from parsing

ParseAST
(module "app.roc"
 (id "string"
))

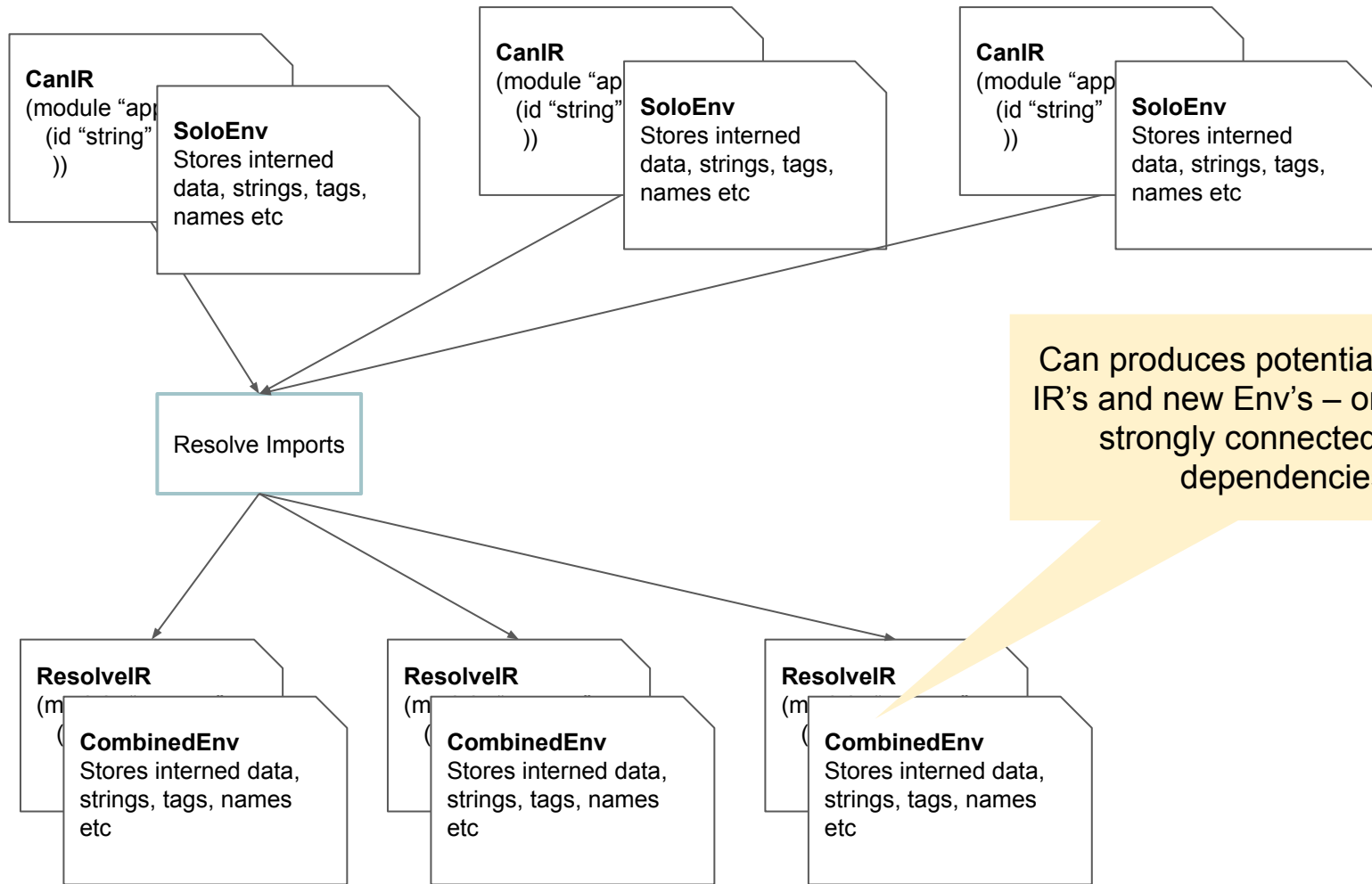
Canonicalize

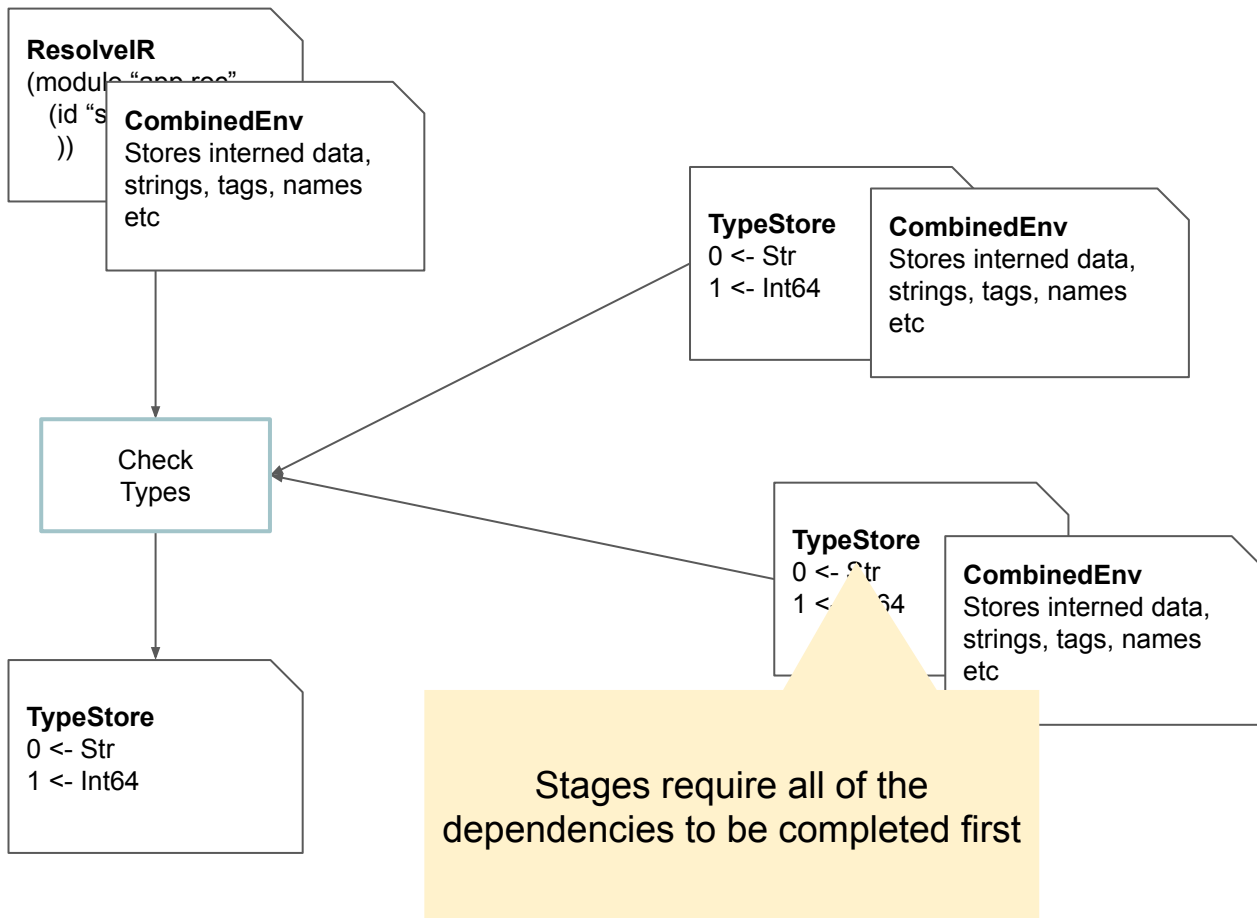
CanIR
(module "app.roc"
 (id "string"
))

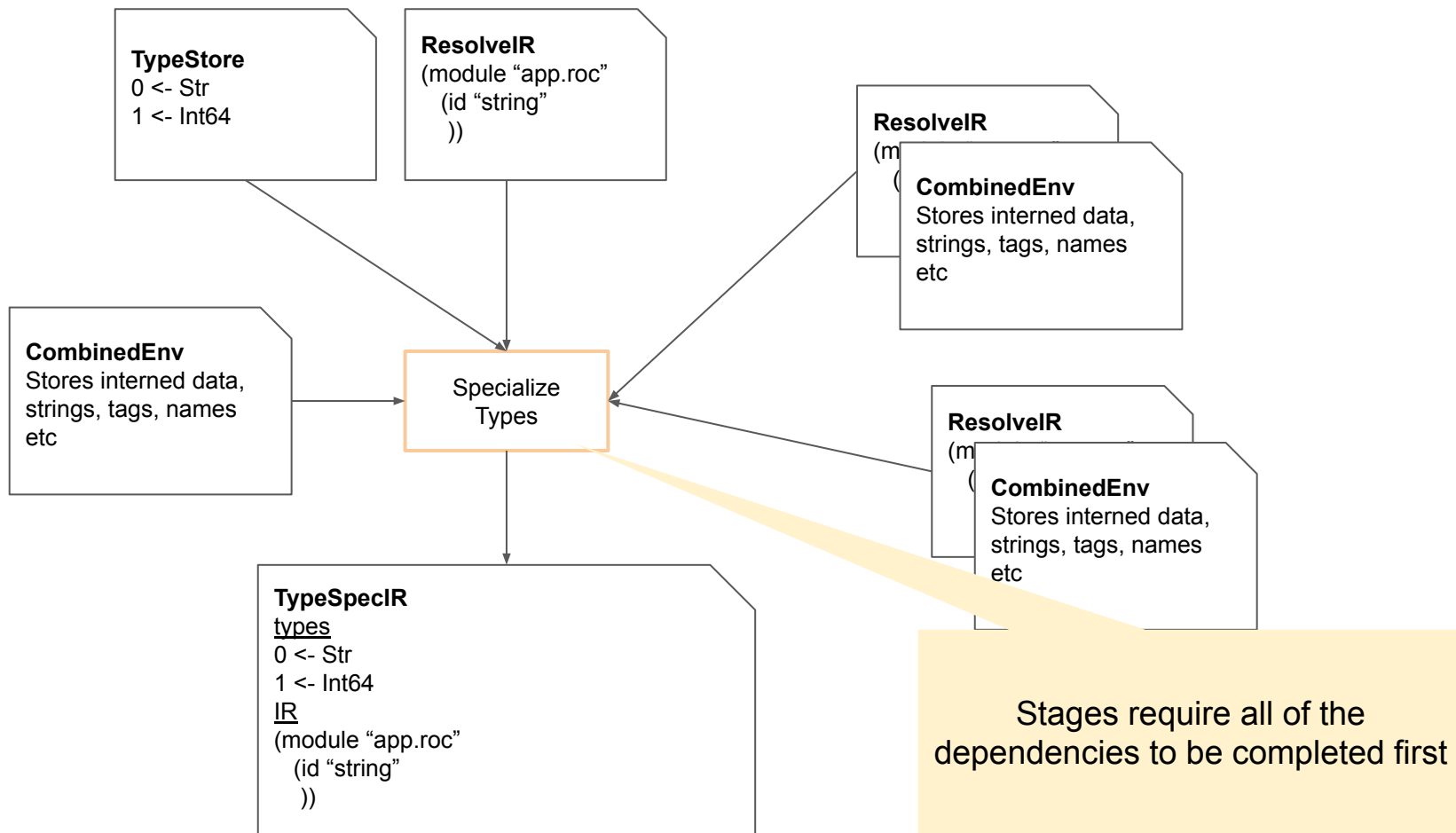
SoloEnv
Stores interned data,
strings, tags, names etc

Uses the same Env









TypeSpecIR

types

0 <- Str

1 <- Int64

IR

```
(module "app.roc"  
  (id "string"  
  ))
```

FunLiftIR

(m

CombinedEnv

Stores interned data,
strings, tags, names
etc

CombinedEnv

Stores interned data,
strings, tags, names
etc

Lift
Functions

FunLiftIR

types

0 <- Str

1 <- Int64

IR

```
(module "app.roc"  
  (id "string"  
  ))
```

FunLiftIR

(m

CombinedEnv

Stores interned data,
strings, tags, names
etc

Reuse the
Env

Stages require all of the
dependencies to be completed first