

What Types of Resources?

Examples:

- Memory consumption,
- State-based systems,
- Time complexity, etc.

Dependent Types

$$\forall (l_1 \ l_2 \ l_3 : \mathbf{List} \ A) \rightarrow ((l_1 ++ l_2) ++ l_3) \equiv (l_1 ++ (l_2 ++ l_3))$$