

$$\left\{ \begin{array}{ll} \text{using} & i \in \mathbf{I}, \\ \text{Min}_{\leq_{\mathbf{R}}} & r, \\ \text{s.t.} & r = \text{req}(i), \\ & f \leq_{\mathbf{F}} \text{prov}(i). \end{array} \right.$$