Problems in software development

Specification

Program

S

Construct →

P

What to do

How to do it
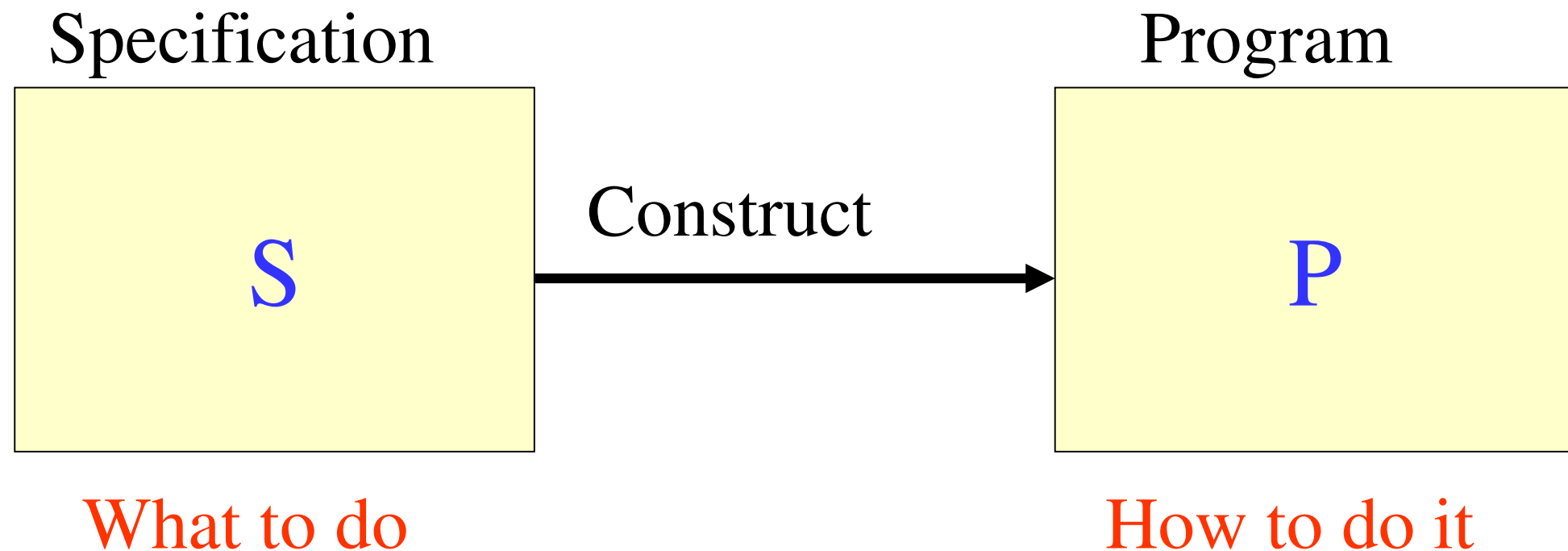
- How to ensure that S is not ambiguous so that it can be correctly understood by all the people involved?

- How can S be effectively used for inspecting and testing P?

- How can software tools effectively support the analysis of S, transformation from S to P, and verification of P against S?