remove invariant

This command is part of the experimental refinement editor.

The *remove invariant* command refines a specification statement to replace its invariant by *true*. It applies the following inference rule of the refinement calculus.

$$\frac{\vdash?\ P \Rightarrow I \qquad \vdash?\ Q \Rightarrow I \qquad \vdash?\ \Delta F[P, Q]}{\vdash?\ \Delta F[P, I, Q]}$$

No *code* is implicitly generated by this refinement rule.

The *remove invariant* command is applicable when a specification statement $\Delta F[P, I, Q]$ in a goal is inspected, except where I is already *true*.

1. Tactic example

"remove invariant" p

This example applies the *remove invariant* command to specification statement p.

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