

# simplificationtac

[/Reference manual/Z-related commands/In situ replacement commands](#)

The *simplification tac* command simplifies core Z notation, performing the same inferences as the *simp* family of tactics defined in section *simplification*. It is applicable to any predicate, expression, schema text or goal. If applied to its own result, nothing changes.

The *simp* family of tactics are very similar to the *puff* family of tactics defined in section *corelaws*, but are intended to faithfully reflect the behaviour of the *simplification tac* command.

One caveat to the above is that the rewriting aspect of commands such as *absorption* is not done by *simplification tac*.

## 1. Tactic example

*“simplification tac” p e*

This example applies the *simplification tac* command to predicate *p* and expression *e*.

*IT 12-Sep-2001*