

Type constrained generics

[/Reference manual/Non-standard extensions to Z](#)

Type constrained generics are intended as a step towards allowing schema calculus operators to be explicitly definable.

The formal parameter list of a generic definition can indicate which of its generic parameters must be schemas. A \dagger symbol separates those to its right that must be schemas from those to its left that must be sets.

$$Formals = [NAME, \{, -tok, NAME\}], [\dagger, NAME, \{, -tok, NAME\}];$$

The constraints themselves are inferred from the form of the generic definition.

IT 4-Jan-2002