

# Rational numbers

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

Numbers are held internally to cadiz as rationals, involving a numerator and denominator each of which can be of arbitrary size. The lexis permits use of floating point with signed exponent notation. The prettyprinter always generates rational notation. For example,  $2.5E-1$  can be written, but it will appear as  $1/4$ . A number toolkit providing a definition of `_ / _` must be in scope for this notation to be used.

*IT 12-Nov-1999*