mpc Arbitrary Precision Complex Number Arithmetic

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mpc is an R package that provides access to the mpc[1] library for the arithmetic of complex numbers with arbitrarily high precision and correct rounding of the result.

```
> library(mpc)
> mpc(3 + (0+3i), 52)
```

Rounding: MPC_RNDNN

References

[1] Andreas Enge, Mickaël Gastineau, Philippe Théveny, and Paul Zimmermann. mpc - A library for multiprecision complex arithmetic with exact rounding. INRIA, 0.9 edition, 2011. http://mpc.multiprecision.org/.