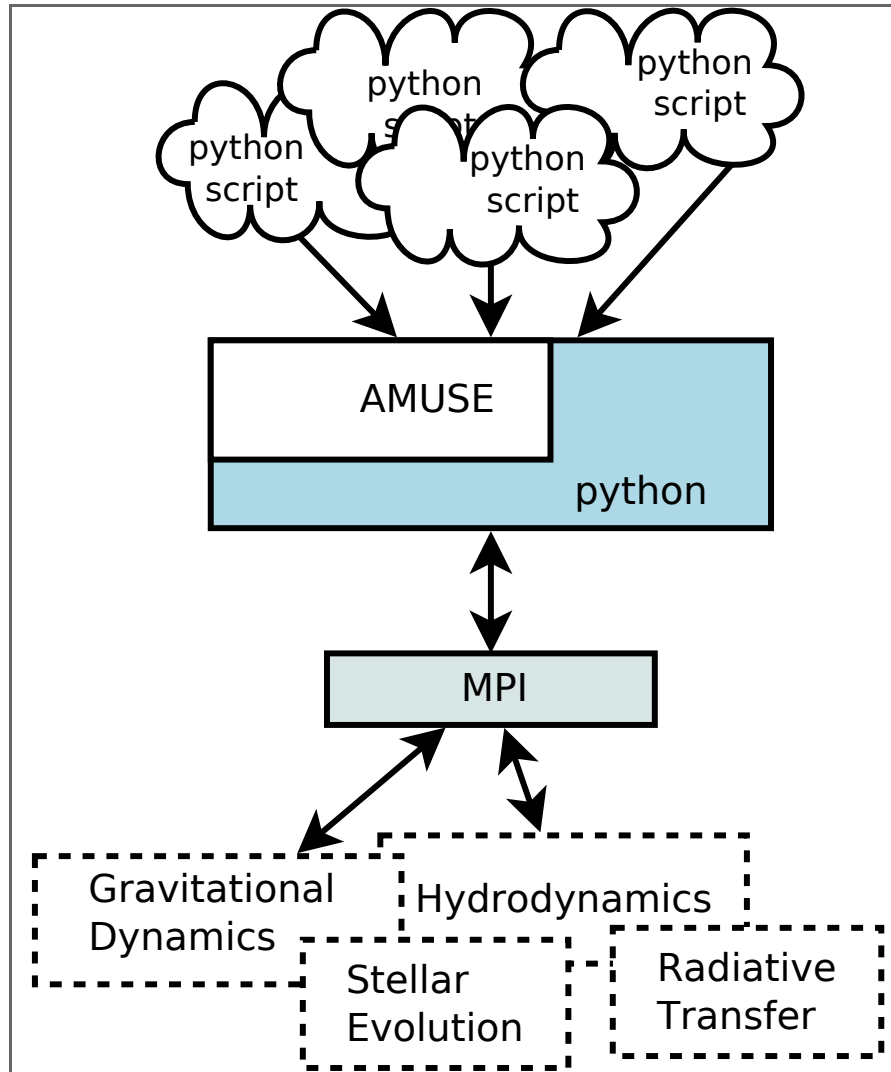




AMUSE

# ARCHITECTURE





## BATTERIES INCLUDED

- Quantities with Units
- Collections: Particles and Grids
- Channels
- IO
- Coupling: Bridge, Encounters
- Remote communication: MPI, sockets, distributed
- Codes
- Literature references

# PROJECT

- [www.amusecode.org](http://www.amusecode.org)
- reference documentation, tutorials, examples
- syllabus
- unit tests (2500) ([www.amusecode.org/buildbot](http://www.amusecode.org/buildbot))
- mailing list (google group amusecode)
- IRC #amuse on [irc.freenode.net](http://irc.freenode.net)

# DEMO

Evolve a star

Evolve a very small cluster of 100 particles