

## MAIN

main.c	Program control
control.h	Model time control, event control
regsteer.h	RealityGrid steering

## MPI\_IO\_SUB\_COMMUNICATOR

io_bdf5.h	Lattice I/O in BDF5 format (pending)
io_native.h	Lattice I/O in native format
io_control.h	Lattice I/O controller

## MPI\_CARTESIAN\_COMMUNICATOR

statistics.h	Global statistics, diagnostics
halo.h	Lattice halo communications

## LATTICE\_BOLTZMANN\_MODEL

collision.h	Collision stage, fluid physics
lattice.ch	Lattice quantities, addressing, memory management
d3qn.ch	LB model (distribution, ghosts, optimum propagation)

## MPI\_CARTESIAN\_COMMUNICATOR

cartesian.h	MPI Cartesian communicator (local coordinate system)
coords.h	Physical (global) coordinate system

## MPI\_COMM\_WORLD

random.h	Serial/Parallel random number generation
timer.h	Standard performance timing routines
runtime.h	Runtime input for user parameters
pe.h	The parallel environment (Serial/MPI)