**Solver Interfaces**

**Mallob SAT Engine**

Clause sharing · Incremental wrapper

*Further applications*

*Incremental SAT applications*

IPASIR bridge

*Further interfaces*

**Application Interface**

Job tree protocol · Internal communication · Deployment

**JSON Interface**

File watching · Job parsing

**Worker Module**

Scheduling protocol · Load balancing · Job database

**Client Module**

Job queue · Worker communication

**Mallob Core**

Message handler · Basic communication protocols · Data serialization · System diagnostics

**System Libraries**

Message Passing Interface · Multithreading and Concurrency · Inter-Process Communication

Hardware · Firmware · Operating System