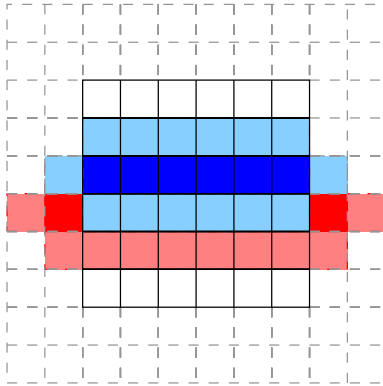
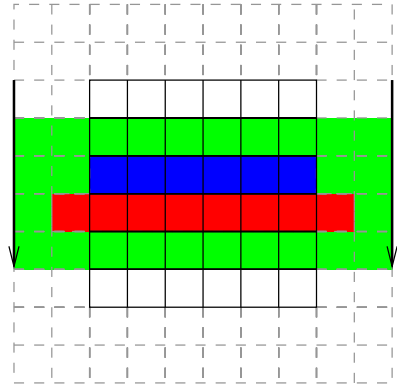


First pass (use 2 layers of ghost cells)



Second pass done immediately



Data kept in the cache (green)