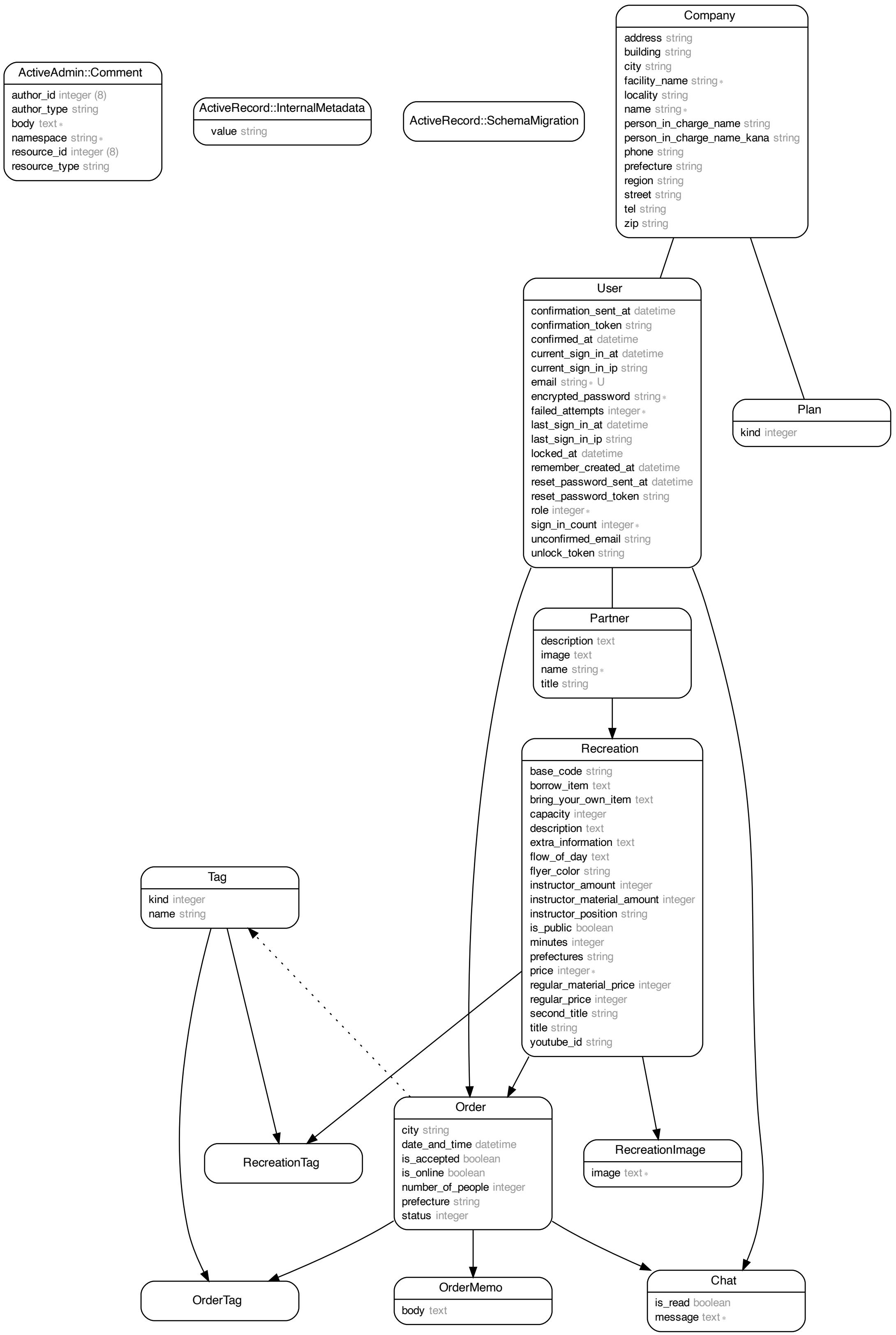MachingSystem domain model