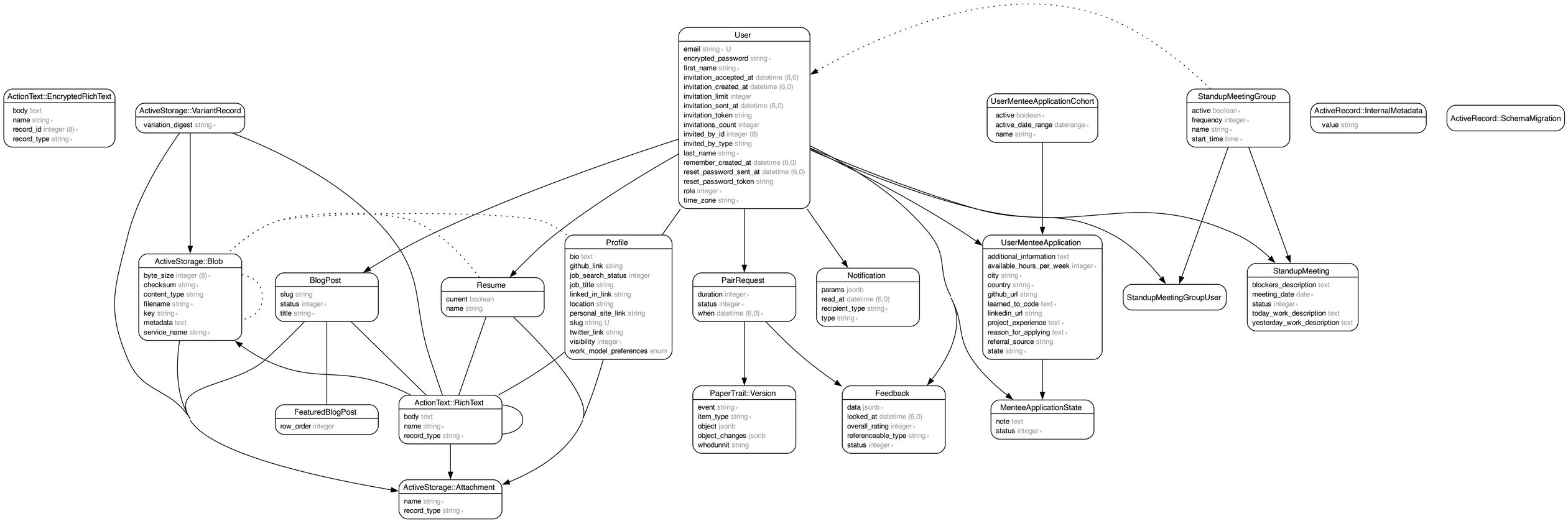PairApp domain model