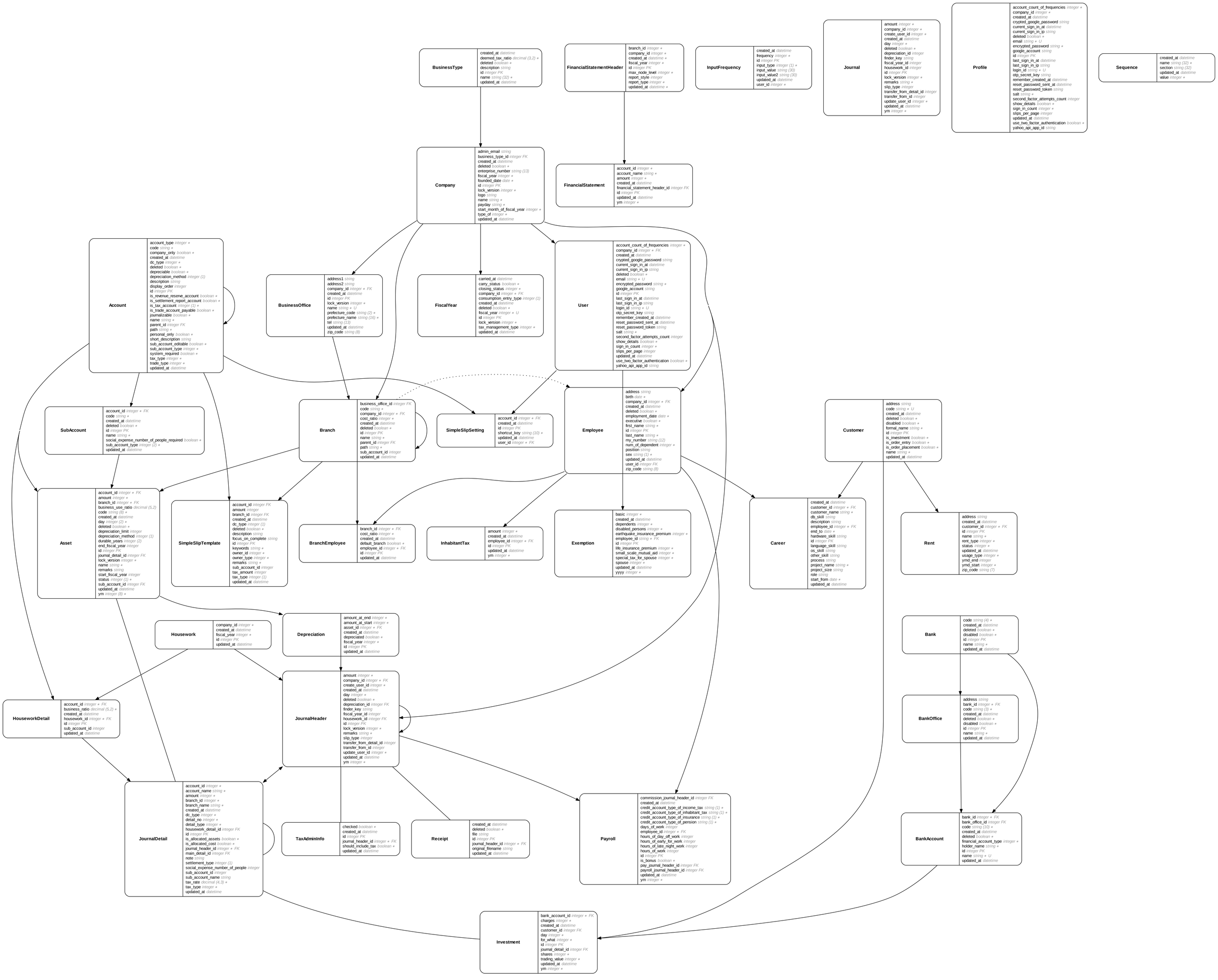Hyacc domain model