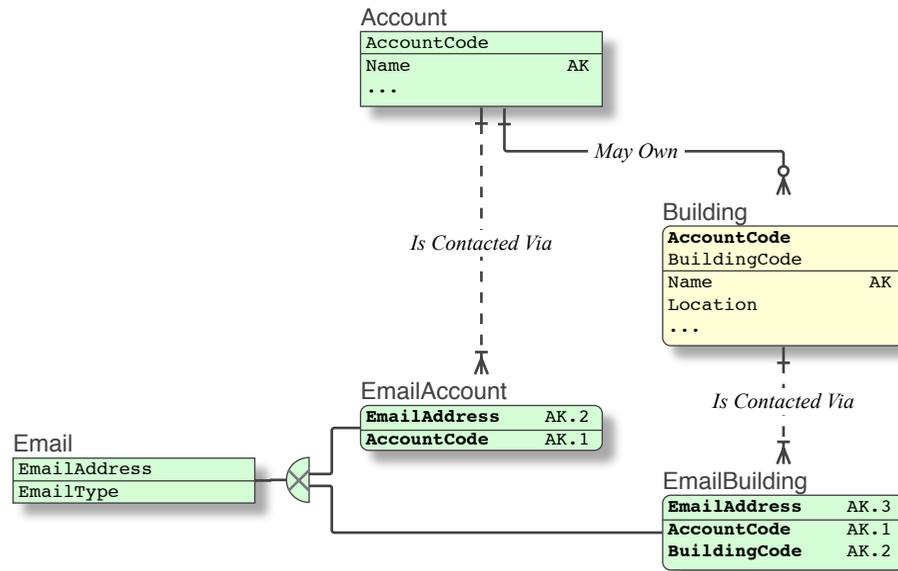


Arindam Email DM Subtype Basics



Note

- The Email Address is a fact; we need the Email Address to be unique
 - Whether the Email is an Account Email or a Building Email, is a separate, subordinate fact
- Account and Building relate to those subordinate facts, not to the fact of the Email
- The requirement is, uniqueness of the Email Address *plus* exclusivity: Account Email xor Building Email. That requirement is Normalised into two discrete requirements, and deployed separately, which work together in a database:
 - uniqueness via ordinary Primary Keys in the Supertype/Subtypes
 - exclusivity via the ordinary Exclusive Subtypes
- All Business rules are implemented as SQL Declarations (Constraints).



This page is required to overcome a document production bug.