

5.4 Aggregate

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An Aggregate is when a new Smart Contract is created from a collection of other Smart Contracts and the originally Smart Contracts no longer exist as entities. For example, a can of soup is an aggregate of a can, tomatoes, salt, and other sices. Each of the original objects contained within a Smart Contract are not part of the can of soup.

```
CREATE AGGREGATE CanOfSoup
  FROM Tomatoes,
        Salt,
        Spice,
        Water,
        Onion,
        Butter,
        Oregano,
        Broth
  WHERE Tomatoes.id = '$1' AND
        Salt.id = '$2' AND
        Spice.id = '$3' AND
        Water.id = '$4' AND
        Onion.id = '$5' AND
        Butter.id = '$6' AND
        Oregano.id = '$7' AND
        Broth.id = '$8'
  RECORD {"Tomatoes", Tomatoes.id} AND
        {"Salt", Salt.id} AND
        {"Spice", Spice.id} AND
        {"Water", Water.id} AND
        {"Onion", Onion.id} AND
        {"Butter", Butter.id} AND
        {"Oregano", Oregano.id} AND
        {"Broth", Broth.id}
  AS parents,
  "Canning Factory Q, Assembly Line 1" AS process;
```

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