Overview

- similar to [[Procedures and Functions]] but execute on event
 - on delete/insert/update
- · allow complex check constraints and active behaviour
 - replication
 - auto deletion
 - auditing
- very powerful but complex
 - need to be careful
 - lots of implicite dependencies
 - trigger may trigger other triggers
 - * infinite loop

Trigger Template

```
CREATE TRIGGER <triggername>
  BEFORE | AFTER | INSTEAD OF
  INSERT | DELETE | (UPDATE OF <column_list>)
  ON <tablename>
  [REFERENCING <old_new_alias_list>]
  [FOR EACH {ROW | STATEMENT}]
  [WHEN (<search condition>)]
  <SQL procedure statement> |
  BEGIN ATOMIC
  {<SQL Procedure statement>;}...
  END
Condition

Action
```

[[SQL]]