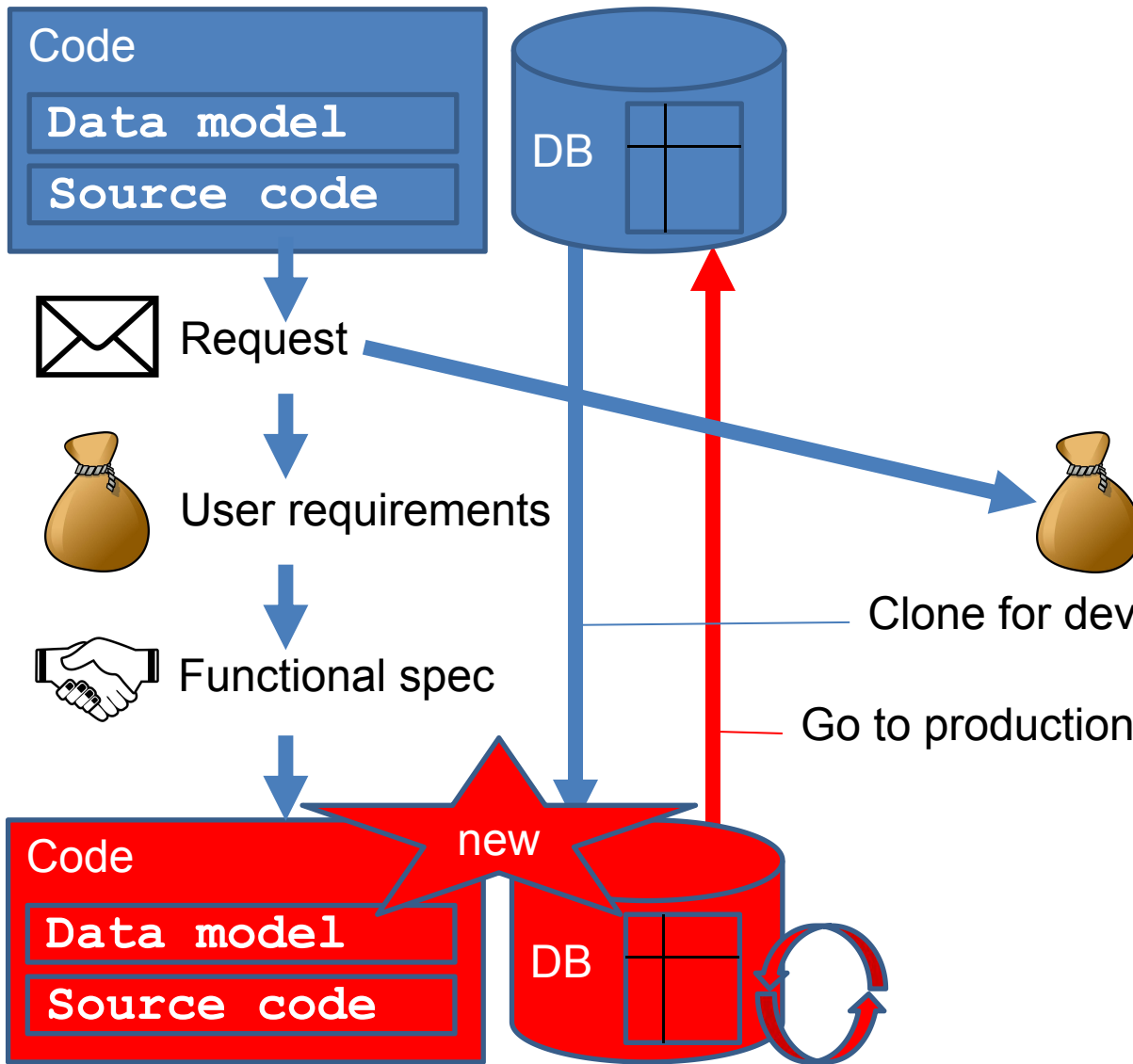


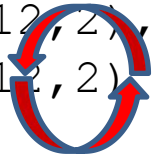
# Create Table

Mag. Thomas Griesmayer

# Project lifecycle



```
CREATE TABLE SALES
(
  SALES_DATE    DATE,
  SALES_TIME    INTEGER,
  CHANNEL       INTEGER,
  PRODUCT_ID    INTEGER,
  CUSTOMER_ID   INTEGER,
  PIECES        INTEGER,
  REVENUE       DECIMAL(12, 2),
  DISCOUNT    DECIMAL(12, 2),
  TAX           DECIMAL(12, 2)
)
```



```

CREATE OR REPLACE PROCEDURE
    SALES.PROC_CREATE_TABLES (SCHEMA_NAME IN VARCHAR2) IS
    v_tabcnt number;
BEGIN
    SELECT count(*) into v_tabcnt
    FROM ALL TABLES
    WHERE OWNER = SCHEMA_NAME and
           TABLE_NAME = 'SALES_STAGING';

    if v_tabcnt = 0 then
        EXECUTE IMMEDIATE
            'CREATE TABLE ' || SCHEMA_NAME || '.SALES_STAGING
            (
                SALES_DATE      DATE      NOT NULL,
                SALES_TIME      INTEGER NOT NULL,
                ...
                REVENUE          DECIMAL(12,2) NOT NULL,
                TAX              DECIMAL(12,2) NOT NULL
            )';
    end if;
END;
/
exit;

```

```
call SALES.PROC_CREATE_TABLES('SALES');  
exit;
```

```
$ sqlplus griesmay/oracle @PROC_CREATE_TABLES.plsql  
$ sqlplus griesmay/oracle @PROC_CREATE_TABLES.sql
```