**create database sme\_db;**

**use sme\_db;**

**CREATE** **TABLE** **IF** **NOT** **EXISTS** VBService\_company (

id INT(11) AUTO\_INCREMENT PRIMARY **KEY**,

record\_created\_time datetime(6) NULL,

cr\_num varchar (254) NOT NULL,

en\_name varchar (254) NOT NULL,

cn\_name varchar (254) NOT NULL,

comp\_news\_crawled\_status tinyint(1) NOT NULL,

comp\_ner\_status tinyint(1) NOT NULL,

comp\_created\_date varchar (254) NOT NULL,

comp\_type varchar (254) NOT NULL,

overall\_process\_id int(11) NULL,

UNIQUE KEY (overall\_process\_id));

**CREATE** **TABLE** **IF** **NOT** **EXISTS** VBService\_compnews (

id INT(11) AUTO\_INCREMENT PRIMARY **KEY**,

record\_created\_time datetime(6) NULL,

comp\_name varchar (254) NOT NULL,

keyword varchar (254) NOT NULL,

link varchar (254) NOT NULL,

news\_file\_location varchar (254) NOT NULL,

news\_title varchar (254) NOT NULL,

news\_date varchar (254) NOT NULL,

ner\_output\_location varchar (254) NULL,

news\_ner\_status tinyint(1) NOT NULL,

crawl\_start\_time varchar (254) NOT NULL,

crawl\_end\_time varchar (254) NOT NULL,

comment varchar(254) NOT NULL);

**alter table** VBService\_compnews add column company\_id int (11) NULL, add key (company\_id);

**CREATE** **TABLE** **IF** **NOT** **EXISTS** VBService\_govdoc (

id INT(11) AUTO\_INCREMENT PRIMARY **KEY**,

record\_created\_time datetime(6) NULL,

doc\_name varchar (254) NOT NULL,

doc\_file\_location varchar (254) NOT NULL,

ocr\_output\_location varchar (254) NULL,

ocr\_status int(11) NOT NULL);

**alter table** VBService\_govdoc add column overall\_process\_id int (11) NULL, add key (overall\_process\_id);

**CREATE** **TABLE** **IF** **NOT** **EXISTS** VBService\_overallprocess(

id INT(11) AUTO\_INCREMENT PRIMARY **KEY**,

record\_created\_time datetime(6) NULL,

session\_id bigint(20) NOT NULL,

comp\_exist tinyint(1) NOT NULL,

status varchar (254) NULL,

batch varchar (254) NULL,

user\_name varchar (254) NOT NULL,

gov\_crawled\_status tinyint(1) NOT NULL,

gov\_ocr\_status tinyint(1) NOT NULL,

is\_shareholders\_confirm tinyint(1) NOT NULL,

is\_all\_ner\_finished tinyint(1) NOT NULL);

**CREATE** **TABLE** **IF** **NOT** **EXISTS** VBService\_overallprocesscompany(

id INT(11) AUTO\_INCREMENT PRIMARY **KEY**,

record\_created\_time datetime(6) NULL,

session\_id bigint(20) NOT NULL,

comp\_exist tinyint(1) NULL,

batch varchar (254) NULL,

user\_name varchar (254) NOT NULL,

gov\_crawled\_status tinyint(1) NOT NULL,

gov\_ocr\_status tinyint(1) NOT NULL,

status varchar (254) NULL);

**CREATE** **TABLE** **IF** **NOT** **EXISTS** VBService\_person(

id INT(11) AUTO\_INCREMENT PRIMARY **KEY**,

record\_created\_time datetime(6) NULL,

en\_name varchar (254) NOT NULL,

cn\_name varchar (254) NULL,

overall\_process\_as\_applicant\_id int(11) NULL,

personal\_news\_crawled\_status tinyint(1) NOT NULL,

personal\_ner\_status tinyint(1) NOT NULL,

UNIQUE KEY (overall\_process\_as\_applicant\_id));

**alter table** VBService\_person add column overall\_process\_as\_shareholder\_id int (11) NULL, add key (overall\_process\_as\_shareholder\_id);

**CREATE** **TABLE** **IF** **NOT** **EXISTS** VBService\_personalnews (

id INT(11) AUTO\_INCREMENT PRIMARY **KEY**,

record\_created\_time datetime(6) NULL,

person\_name varchar (254) NOT NULL,

keyword varchar (254) NOT NULL,

link varchar(2047) NOT NULL,

comp\_name varchar (254) NOT NULL,

NegPoint decimal(3,2) NOT NULL,

ParaText longtext NOT NULL,

news\_file\_location varchar (254) NOT NULL,

news\_title varchar (254) NOT NULL,

news\_date varchar (254) NOT NULL,

ner\_output\_location varchar (254) NULL,

news\_ner\_status tinyint(1) NOT NULL,

crawl\_start\_time varchar (254) NOT NULL,

crawl\_end\_time varchar (254) NOT NULL,

Entity varchar(254) NOT NULL,

comment varchar(254) NOT NULL);

**alter table** VBService\_personalnews add column person\_id int (11) NOT NULL, add key (person\_id);