

SINDICO

The screenshot shows the MySQL Workbench interface. The 'Schemas' pane on the left lists the database structure, with 'Sindico' selected. The main editor displays the DDL for the 'Sindico' table:

```
1 CREATE TABLE `Sindico` (  
2   `Matricula` int(6) NOT NULL AUTO_INCREMENT,  
3   `Nome` varchar(80) NOT NULL,  
4   `Logradouro` varchar(80) NOT NULL,  
5   `Numero` varchar(80) DEFAULT NULL,  
6   `Bairro` varchar(80) NOT NULL,  
7   `Cidade` varchar(80) NOT NULL,  
8   `UF` varchar(2) NOT NULL,  
9   `CEP` varchar(9) NOT NULL,  
10  PRIMARY KEY (`Matricula`)  
11 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

The 'Object Info' pane on the left shows the columns for the 'Sindico' table:

Columns:	
Matricula	int(6) AI PK
Nome	varchar(80)
Logradouro	varchar(80)
Numero	varchar(80)
Bairro	varchar(80)
Cidade	varchar(80)
UF	varchar(2)
CEP	varchar(9)

SINDICO_TELEFONE

The screenshot shows the MySQL Workbench interface. The 'Schemas' pane on the left lists the database structure, with 'Sindico_Telefone' selected. The main editor displays the DDL for the 'Sindico_Telefone' table:

```
1 CREATE TABLE `Sindico_Telefone` (  
2   `Codigo` int(6) NOT NULL AUTO_INCREMENT,  
3   `Telefone` varchar(13) NOT NULL,  
4   `Matricula` int(6) NOT NULL,  
5   PRIMARY KEY (`Codigo`),  
6   UNIQUE KEY `uk_st_sind_tel` (`Telefone`, `Matricula`),  
7   KEY `fk_st_matr_idx` (`Matricula`),  
8   CONSTRAINT `fk_st_matr` FOREIGN KEY (`Matricula`) REFERENCES `Sindico` (`Matricula`) ON DELETE NO ACTION ON UPDATE NO ACTION  
9 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

The 'Object Info' pane on the left shows the columns for the 'Sindico_Telefone' table:

Columns:	
Codigo	int(6) AI PK
Telefone	varchar(13)
Matricula	int(6)

SIND_EMAIL

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'Schemas' tree with 'agenda03.Sindico_Email' selected. The main editor shows the DDL for this table:

```
1 CREATE TABLE `Sindico_Email` (  
2   `Codigo` int(6) NOT NULL AUTO_INCREMENT,  
3   `Email` varchar(80) NOT NULL,  
4   `Matricula` int(6) DEFAULT NULL,  
5   PRIMARY KEY (`Codigo`),  
6   UNIQUE KEY `uk_se_sind_email` (`Email`,`Matricula`),  
7   KEY `fk_se_matr_idx` (`Matricula`),  
8   CONSTRAINT `fk_se_matr` FOREIGN KEY (`Matricula`) REFERENCES `Sindico` (`Matricula`) ON DELETE NO ACTION ON UPDATE NO ACTION  
9 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

The bottom of the window shows the macOS dock with various application icons.

PROPRIETARIO

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'Schemas' tree with 'agenda03.Proprietario' selected. The main editor shows the DDL for this table:

```
1 CREATE TABLE `Proprietario` (  
2   `Codigo` int(6) NOT NULL AUTO_INCREMENT,  
3   `RG` varchar(9) NOT NULL,  
4   `Nome` varchar(80) NOT NULL,  
5   PRIMARY KEY (`Codigo`),  
6   UNIQUE KEY `uk_prop_rg` (`RG`)  
7 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

The bottom of the window shows the macOS dock with various application icons.

PROPRIETARIO_TELEFONE

The screenshot shows the MySQL Workbench interface with the 'DDL for agenda03.Proprietario_Telefone' tab selected. The DDL code is as follows:

```
1 CREATE TABLE `Proprietario_Telefone` (  
2   `Codigo` int(11) NOT NULL,  
3   `Telefone` varchar(13) NOT NULL,  
4   `RG` varchar(9) NOT NULL,  
5   PRIMARY KEY (`Codigo`),  
6   UNIQUE KEY `uk_pt_rg_tel` (`Telefone`, `RG`),  
7   KEY `fk_pt_rg_idx` (`RG`),  
8   CONSTRAINT `fk_pt_rg` FOREIGN KEY (`RG`) REFERENCES `Proprietario` (`RG`) ON DELETE NO ACTION ON UPDATE NO ACTION  
9 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

The left sidebar shows the 'Schemas' panel with 'agenda03.Proprietario_Telefone' selected. The 'Object Info' panel shows the table structure:

Columns:	
Codigo	int(11) PK
Telefone	varchar(13)
e	
RG	varchar(9)

CONDOMINIO

The screenshot shows the MySQL Workbench interface with the 'DDL for agenda03.Condominio' tab selected. The DDL code is as follows:

```
1 CREATE TABLE `Condominio` (  
2   `Codigo` int(11) NOT NULL AUTO_INCREMENT,  
3   `Nome` varchar(80) NOT NULL,  
4   `Logradouro` varchar(80) NOT NULL,  
5   `Numero` varchar(80) DEFAULT NULL,  
6   `Bairro` varchar(80) NOT NULL,  
7   `Cidade` varchar(80) NOT NULL,  
8   `UF` varchar(2) NOT NULL,  
9   `CEP` varchar(9) NOT NULL,  
10  `Matricula` int(6) NOT NULL,  
11  PRIMARY KEY (`Codigo`),  
12  KEY `fk_cond_matr_idx` (`Matricula`),  
13  CONSTRAINT `fk_cond_matr` FOREIGN KEY (`Matricula`) REFERENCES `Sindico` (`Matricula`) ON DELETE NO ACTION ON UPDATE NO ACTION  
14 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

The left sidebar shows the 'Schemas' panel with 'agenda03.Condominio' selected. The 'Object Info' panel shows the table structure:

Columns:	
Codigo	int(11) AI PK
Nome	varchar(80)
Logradouro	varchar(80)
Numero	varchar(80)
Bairro	varchar(80)
Cidade	varchar(80)
UF	varchar(2)
CEP	varchar(9)
Matricula	int(6)

APARTAMENTO

The screenshot shows the MySQL Workbench interface with the 'agenda03.Apartamento' table selected. The DDL for the table is displayed in the main editor window.

```
1 CREATE TABLE `Apartamento` (  
2   `Codigo` int(6) NOT NULL AUTO_INCREMENT,  
3   `Numero` varchar(4) NOT NULL,  
4   `Tipo` varchar(45) NOT NULL,  
5   `Condominio_cod` int(6) NOT NULL,  
6   `Proprietario_cod` int(6) NOT NULL,  
7   PRIMARY KEY (`Codigo`),  
8   UNIQUE KEY `uk_ap_num` (`Numero`),  
9   UNIQUE KEY `uk_ap_cond` (`Condominio_cod`),  
10  UNIQUE KEY `uk_ap_prop` (`Proprietario_cod`),  
11  CONSTRAINT `fk_ap_cond_cod` FOREIGN KEY (`Condominio_cod`) REFERENCES `Condominio` (`Codigo`) ON DELETE NO ACTION ON UPDATE NO ACTION,  
12  CONSTRAINT `fk_ap_prop_cod` FOREIGN KEY (`Proprietario_cod`) REFERENCES `Proprietario` (`Codigo`) ON DELETE NO ACTION ON UPDATE NO ACTION,  
13 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

The left sidebar shows the 'Schemas' tree with 'agenda03' expanded, and 'Apartamento' selected under 'Tables'. The 'Object Info' tab shows the columns for the 'Apartamento' table:

Column	Type	PK
Codigo	int(6)	AI PK
Numero	varchar(4)	
Tipo	varchar(45)	
Condominio_cod	int(6)	
Proprietario_cod	int(6)	

GARAGEM

The screenshot shows the MySQL Workbench interface with the 'agenda03.Garagem' table selected. The DDL for the table is displayed in the main editor window.

```
1 CREATE TABLE `Garagem` (  
2   `Codigo` int(6) NOT NULL AUTO_INCREMENT,  
3   `Numero` varchar(4) NOT NULL,  
4   `Tipo` varchar(45) NOT NULL,  
5   `Apartamento_Codigo` int(6) NOT NULL,  
6   PRIMARY KEY (`Codigo`),  
7   UNIQUE KEY `uk_gar_num_ap` (`Numero`, `Apartamento_Codigo`),  
8   KEY `fk_gar_ap_cod_idx` (`Apartamento_Codigo`),  
9   CONSTRAINT `fk_gar_ap_cod` FOREIGN KEY (`Apartamento_Codigo`) REFERENCES `Apartamento` (`Codigo`) ON DELETE NO ACTION ON UPDATE NO ACTION,  
10 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

The left sidebar shows the 'Schemas' tree with 'agenda03' expanded, and 'Garagem' selected under 'Tables'. The 'Object Info' tab shows the columns for the 'Garagem' table:

Column	Type	PK
Codigo	int(6)	AI PK
Numero	varchar(4)	
Tipo	varchar(45)	
Apartamento_Codigo	int(6)	

//SINDICO

```
CREATE TABLE `Sindico` (  
  `Matricula` int(6) NOT NULL  
  AUTO_INCREMENT,  
  `Nome` varchar(80) NOT NULL,  
  `Logradouro` varchar(80) NOT NULL,  
  `Numero` varchar(80) DEFAULT NULL,  
  `Bairro` varchar(80) NOT NULL,  
  `Cidade` varchar(80) NOT NULL,  
  `UF` varchar(2) NOT NULL,  
  `CEP` varchar(9) NOT NULL,  
  PRIMARY KEY (`Matricula`)  
);
```

//SINDICO_TELEFONE

```
CREATE TABLE  
`agenda03`.`Sindico_Telefone` (  
  `Codigo` INT(6) NOT NULL  
  AUTO_INCREMENT,  
  `Telefone` VARCHAR(13) NOT NULL,  
  `Matricula` INT(6) NOT NULL,  
  PRIMARY KEY (`Codigo`),  
  UNIQUE INDEX `uk_st_sind_tel`  
  (`Telefone` ASC, `Matricula` ASC)  
  VISIBLE,  
  INDEX `fk_st_matr_idx` (`Matricula`  
  ASC) VISIBLE,  
  CONSTRAINT `fk_st_matr`  
  FOREIGN KEY (`Matricula`)  
  REFERENCES `agenda03`.`Sindico`  
  (`Matricula`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION);
```

//SIND_EMAIL

```
CREATE TABLE  
`agenda03`.`Sindico_Email` (  
  `Codigo` INT(6) NOT NULL  
  AUTO_INCREMENT,  
  `Email` VARCHAR(80) NOT NULL,  
  `Matricula` INT(6) NOT NULL,  
  PRIMARY KEY (`Codigo`),  
  UNIQUE INDEX `uk_se_sind_email`  
  (`Email` ASC, `Matricula` ASC) VISIBLE,  
  INDEX `fk_se_matr_idx` (`Matricula`  
  ASC) VISIBLE,  
  CONSTRAINT `fk_se_matr`
```

```
  FOREIGN KEY (`Matricula`)  
  REFERENCES `agenda03`.`Sindico`  
  (`Matricula`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION);
```

//PROPRIETARIO

```
CREATE TABLE  
`agenda03`.`Proprietario` (  
  `Codigo` INT(6) NOT NULL  
  AUTO_INCREMENT,  
  `RG` VARCHAR(9) NOT NULL,  
  `Nome` VARCHAR(80) NOT NULL,  
  PRIMARY KEY (`Codigo`),  
  UNIQUE INDEX `uk_prop_rg` (`RG`));
```

//PROPRIETARIO_TELEFONE

```
CREATE TABLE  
`agenda03`.`Proprietario_Telefone` (  
  `Codigo` INT NOT NULL,  
  `Telefone` VARCHAR(13) NOT NULL,  
  `RG` VARCHAR(9) NOT NULL,  
  PRIMARY KEY (`Codigo`),  
  UNIQUE INDEX `uk_pt_rg_tel`  
  (`Telefone`, `RG`),  
  INDEX `fk_pt_rg_idx` (`RG`),  
  CONSTRAINT `fk_pt_rg`  
  FOREIGN KEY (`RG`)  
  REFERENCES  
  `agenda03`.`Proprietario` (`RG`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION);
```

//CONDOMINIO

```
CREATE TABLE  
`agenda03`.`Condominio` (  
  `Codigo` INT NOT NULL  
  AUTO_INCREMENT,  
  `Nome` VARCHAR(80) NOT NULL,  
  `Logradouro` VARCHAR(80) NOT NULL,  
  `Numero` VARCHAR(80) NOT NULL,  
  `Bairro` VARCHAR(80) NOT NULL,  
  `Cidade` VARCHAR(80) NOT NULL,  
  `UF` VARCHAR(2) NOT NULL,
```

```

`CEP` VARCHAR(9) NOT NULL,
`Matricula` INT(6) NOT NULL,
PRIMARY KEY (`Codigo`),
INDEX `fk_cond_matr_idx` (`Matricula`
ASC) VISIBLE,
CONSTRAINT `fk_cond_matr`
FOREIGN KEY (`Matricula`)
REFERENCES `agenda03`.`Sindico`
(`Matricula`)
ON DELETE NO ACTION
ON UPDATE NO ACTION);

```

//APARTAMENTO

```

CREATE TABLE
`agenda03`.`Apartamento` (
`Codigo` INT NOT NULL
AUTO_INCREMENT,
`Numero` VARCHAR(4) NOT NULL,
`Tipo` VARCHAR(45) NOT NULL,
`Codigo` INT(6) NOT NULL,
`Codigo` INT(6) NOT NULL,
PRIMARY KEY (`Codigo`),
UNIQUE INDEX `uk_ap_num`
(`Numero` ASC) VISIBLE,
INDEX `fk_ap_cond_cod` (`Codigo`
ASC) VISIBLE,
INDEX `fk_ap_prop_cod` (`Codigo`
ASC) VISIBLE,
CONSTRAINT `fk_ap_cond_cod`
FOREIGN KEY (`Codigo`)
REFERENCES
`agenda03`.`Condominio` (`Codigo`)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
CONSTRAINT `fk_ap_prop_cod`
FOREIGN KEY (`Codigo`)
REFERENCES
`agenda03`.`Proprietario` (`Codigo`)
ON DELETE NO ACTION
ON UPDATE NO ACTION);

```

// GARAGEM

```

CREATE TABLE `agenda03`.`Garagem` (
`Codigo` INT(6) NOT NULL
AUTO_INCREMENT,
`Numero` VARCHAR(4) NOT NULL,
`Tipo` VARCHAR(45) NOT NULL,
`Apartamento_Codigo` INT(6) NOT
NULL,
PRIMARY KEY (`Codigo`),
UNIQUE INDEX `uk_gar_num_ap`
(`Numero` ASC, `Apartamento_Codigo`
ASC) VISIBLE,
INDEX `fk_gar_ap_cod_idx`
(`Apartamento_Codigo` ASC) VISIBLE,
CONSTRAINT `fk_gar_ap_cod`
FOREIGN KEY
(`Apartamento_Codigo`)
REFERENCES
`agenda03`.`Apartamento` (`Codigo`)
ON DELETE NO ACTION
ON UPDATE NO ACTION);

```