

## 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:	
<b>Matricula</b>	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:	
<b>Codigo</b>	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 window shows the DDL for this table. The table has three columns: 'Codigo' (int(6) NOT NULL AUTO\_INCREMENT), 'Email' (varchar(80) NOT NULL), and 'Matricula' (int(6) DEFAULT NULL). It features a primary key on 'Codigo' and a unique key on 'Email'. A foreign key constraint 'fk\_se\_matr' links 'Matricula' to the 'Sindico' table. The table is created using the InnoDB engine with a default charset of utf8mb4.

```
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_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
```

## PROPRIETARIO

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'Schemas' tree with 'agenda03.Proprietario' selected. The main editor window shows the DDL for this table. The table has three columns: 'Codigo' (int(6) NOT NULL AUTO\_INCREMENT), 'RG' (varchar(9) NOT NULL), and 'Nome' (varchar(80) NOT NULL). It features a primary key on 'Codigo' and a unique key on 'RG'. The table is created using the InnoDB engine with a default charset of utf8mb4.

```
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
```

## PROPRIETARIO\_TELEFONE

The screenshot shows the MySQL Workbench interface. The 'Schemas' panel on the left lists the database 'agenda03' and its tables: 'Proprietario\_Telefone', 'Sindico', 'Sindico\_Email', and 'Sindico\_Telefone'. The 'Table: Proprietario\_Telefone' is selected, and its columns are listed: 'Codigo' (int(11) PK), 'Telefone' (varchar(13)), 'e' (varchar(13)), and 'RG' (varchar(9)). The main editor displays the DDL for the 'Proprietario\_Telefone' table:

```
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
```

## CONDOMINIO

The screenshot shows the MySQL Workbench interface. The 'Schemas' panel on the left lists the database 'agenda03' and its tables: 'Apartamento', 'Condominio', 'Garagem', and 'Proprietario'. The 'Table: Condominio' is selected, and its columns are listed: '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)), and 'Matricula' (int(6)). The main editor displays the DDL for the 'Condominio' table:

```
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
```

## 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 the 'Table: Apartamento' selected. The 'Columns' list shows: **Codigo** (int(6) AI PK), **Numero** (varchar(4)), **Tipo** (varchar(45)), **Condominio\_cod** (int(6)), and **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 the 'Table: Garagem' selected. The 'Columns' list shows: **Codigo** (int(6) AI PK), **Numero** (varchar(4)), **Tipo** (varchar(45)), and **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);

```