

# DB settings - Progettazione Fisica

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## Note

Piattaforma: **SQLite**

String delimiter: **'**

Escaped: **"**

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## Sequenza Costruzione

### 1. Creazione Database

La creazione del Database consiste nella creazione del file **settings.sqlite**.

Creazione Unix:

```
touch settings.sqlite
```

Creazione Windows:

```
fsutil file createnew settings.sqlite 0
```

### 2. Creazione tabella **modules**

```
CREATE TABLE modules (  
  NomeModulo TEXT NOT NULL PRIMARY KEY,  
  Active INTEGER NOT NULL,  
  RenderIndex INTEGER NOT NULL UNIQUE,  
  JsonFragment TEXT NOT NULL,  
  JsonStableFragment TEXT NOT NULL  
);
```

### 3. Creazione tabella **globals**

```
CREATE TABLE globals (  
  NomeGlobale TEXT NOT NULL PRIMARY KEY,  
  JsonFragment TEXT NOT NULL,  
  JsonStableFragment TEXT NOT NULL  
);
```

4. Inserimento record default per la tabella `modules` Conteggio record: 14

```

INSERT INTO modules (NomeModulo, Active, RenderIndex, JsonFragment,
JsonStableFragment)
VALUES
  ('MMM-AirQuality', 1, 0,
  '{
  \"module\": \"MMM-AirQuality\",
  \"position\": \"top_center\",
  \"config\": {
  \"location\": \"milan\",
  \"lang\": \"eng\",
  \"updateInterval\": 30,
  \"showLocation\": true,
  \"showIndex\": true
  }
  }',
  '{
  \"module\": \"MMM-AirQuality\",
  \"position\": \"top_center\",
  \"config\": {
  \"location\": \"milan\",
  \"lang\": \"eng\",
  \"updateInterval\": 30,
  \"showLocation\": true,
  \"showIndex\": true
  }
  }'),
  ('MMM-DHT-Sensor', 1, 1,
  '{
  \"module\": \"MMM-DHT-Sensor\",
  \"config\": {
  \"sensorPin\": 16,
  \"sensorType\": 22,
  \"units\": \"metric\",
  \"updateInterval\": 10000
  }
  }',
  '{
  \"module\": \"MMM-DHT-Sensor\",
  \"config\": {
  \"sensorPin\": 16,
  \"sensorType\": 22,
  \"units\": \"metric\",
  \"updateInterval\": 10000
  }
  }'),
  ('newsfeed', 1, 2,
  '{
  \"module\": \"newsfeed\",
  \"position\": \"bottom_bar\",
  \"config\": {
  \"feeds\": [

```

```

{
  \"title\": \"Il Giornale\",
  \"url\": \"https://www.ilgiornale.it/feed.xml\"
},
{
  \"title\": \"Corriere della sera\",
  \"url\": \"http://xml2.corriereobjects.it/rss/homepage.xml\"
},
{
  \"title\": \"La Gazzetta dello Sport\",
  \"url\": \"https://www.gazzetta.it/rss/home.xml\"
}
],
\"showSourceTitle\": true,
\"showPublishDate\": true,
\"broadcastNewsFeeds\": true,
\"broadcastNewsUpdates\": true
}
}',
' {
  \"module\": \"newsfeed\",
  \"position\": \"bottom_bar\",
  \"config\": {
    \"feeds\": [
      {
        \"title\": \"Il Giornale\",
        \"url\": \"https://www.ilgiornale.it/feed.xml\"
      },
      {
        \"title\": \"Corriere della sera\",
        \"url\": \"http://xml2.corriereobjects.it/rss/homepage.xml\"
      },
      {
        \"title\": \"La Gazzetta dello Sport\",
        \"url\": \"https://www.gazzetta.it/rss/home.xml\"
      }
    ],
    \"showSourceTitle\": true,
    \"showPublishDate\": true,
    \"broadcastNewsFeeds\": true,
    \"broadcastNewsUpdates\": true
  }
  },
  ('MMM-AVStock', 0, 3,
  '{
    \"module\": \"MMM-AVStock\",
    \"position\": \"bottom_left\",
    \"config\": {
      \"apiKey\": \"YOUR_ALPHAVANTAGE_KEY\",
      \"mode\": \"table\",
      \"chartType\": \"line\",
      \"symbols\": [\"AAPL\", \"GOOGL\", \"TSLA\"],
      \"alias\": [\"APPLE\", \"GOOGLE\", \"TESLA\"],
      \"showChart\": true,

```

```

    \"direction\": \"column\"
  }
}',
'{
  \"module\": \"MMM-AVStock\",
  \"position\": \"bottom_left\",
  \"config\": {
    \"apiKey\": \"YOUR_ALPHAVANTAGE_KEY\",
    \"mode\": \"table\",
    \"chartType\": \"line\",
    \"symbols\": [\"AAPL\", \"GOOGL\", \"TSLA\"],
    \"alias\": [\"APPLE\", \"GOOGLE\", \"TESLA\"],
    \"showChart\": true,
    \"direction\": \"column\"
  }
}'),
('clock', 1, 4,
'{
  \"module\": \"clock\",
  \"position\": \"top_left\",
  \"config\": {
    \"timeFormat\": 24,
    \"displaySeconds\": true,
    \"showDate\": true,
    \"displayType\": \"digital\",
    \"timezone\": \"Europe/Rome\"
  }
}',
'{
  \"module\": \"clock\",
  \"position\": \"top_left\",
  \"config\": {
    \"timeFormat\": 24,
    \"displaySeconds\": true,
    \"showDate\": true,
    \"displayType\": \"digital\",
    \"timezone\": \"Europe/Rome\"
  }
}'),
('weather', 0, 5,
'{
  \"module\": \"weather\",
  \"position\": \"top_right\",
  \"config\": {
    \"weatherProvider\": \"openweathermap\",
    \"units\": \"metric\",
    \"degreeLabel\": true,
    \"updateInterval\": 600000,
    \"lang\": \"en\",
    \"initialLoadDelay\": 1000,
    \"onlyTemp\": false,
    \"showHumidity\": true,
    \"showIndoorTemperature\": true,
    \"showIndoorHumidity\": true,

```

```

    \ "showSun\ ": true,
    \ "colored\ ": true,
    \ "showPrecipitationAmount\ ": true,
    \ "maxNumberOfDays\ ": 5,
    \ "locationID\ ": \ "\ ",
    \ "apiKey\ ": \ "YOUR_OPENWEATHERMAP_APIKEY\ "
  }
}',
' {
  \ "module\ ": \ "weather\ ",
  \ "position\ ": \ "top_right\ ",
  \ "config\ ": {
    \ "weatherProvider\ ": \ "openweathermap\ ",
    \ "units\ ": \ "metric\ ",
    \ "degreeLabel\ ": true,
    \ "updateInterval\ ": 600000,
    \ "lang\ ": \ "en\ ",
    \ "initialLoadDelay\ ": 1000,
    \ "onlyTemp\ ": false,
    \ "showHumidity\ ": true,
    \ "showIndoorTemperature\ ": true,
    \ "showIndoorHumidity\ ": true,
    \ "showSun\ ": true,
    \ "colored\ ": true,
    \ "showPrecipitationAmount\ ": true,
    \ "maxNumberOfDays\ ": 5,
    \ "locationID\ ": \ "\ ",
    \ "apiKey\ ": \ "YOUR_OPENWEATHERMAP_APIKEY\ "
  }
}'),
('weatherforecast', 0, 6,
' {
  \ "module\ ": \ "weatherforecast\ ",
  \ "position\ ": \ "top_right\ ",
  \ "config\ ": {
    \ "units\ ": \ "metric\ ",
    \ "updateInterval\ ": 600000,
    \ "lang\ ": \ "en\ ",
    \ "initialLoadDelay\ ": 1000,
    \ "colored\ ": true,
    \ "showRainAmount\ ": true,
    \ "maxNumberOfDays\ ": 5,
    \ "roundTemp\ ": true,
    \ "locationID\ ": \ "\ ",
    \ "appid\ ": \ "YOUR_OPENWEATHERMAP_APIKEY\ "
  }
}',
' {
  \ "module\ ": \ "weatherforecast\ ",
  \ "position\ ": \ "top_right\ ",
  \ "config\ ": {
    \ "units\ ": \ "metric\ ",
    \ "updateInterval\ ": 600000,
    \ "lang\ ": \ "en\ ",

```

```

        \initialLoadDelay\: 1000,
        \colored\: true,
        \showRainAmount\: true,
        \maxNumberOfDays\: 5,
        \roundTemp\: true,
        \locationID\: \\",
        \appid\: \YOUR_OPENWEATHERMAP_APIKEY\
    }
  }'),
  ('calendar', 1, 7,
  '{
    \module\: \calendar\",
    \position\: \top_left\",
    \config\: {
      \showLocation\: true,
      \wrapEvents\: true,
      \wrapLocationEvents\: true,
      \fetchInterval\: 100000,
      \displayRepeatingCountTitle\: false,
      \timeFormat\: \relative\",
      \getRelative\: 1,
      \urgency\: 0,
      \calendars\: [
        {
          \url\:
\"https://gist.githubusercontent.com/AndreaGrandieri/22d4ee01b5e78990d88c042
cdf55591a/raw/96cbe4e867bc507f51e2a9397072a5b233f21447/ItalianHolidays.ics\
,
          \color\: \#00E0E0\",
          \name\: \Festività italiane\
        }
      ]
    }
  },
  '{
    \module\: \calendar\",
    \position\: \top_left\",
    \config\: {
      \showLocation\: true,
      \wrapEvents\: true,
      \wrapLocationEvents\: true,
      \fetchInterval\: 100000,
      \displayRepeatingCountTitle\: false,
      \timeFormat\: \relative\",
      \getRelative\: 1,
      \urgency\: 0,
      \calendars\: [
        {
          \url\:
\"https://gist.githubusercontent.com/AndreaGrandieri/22d4ee01b5e78990d88c042
cdf55591a/raw/96cbe4e867bc507f51e2a9397072a5b233f21447/ItalianHolidays.ics\
,
          \color\: \#00E0E0\",
          \name\: \Festività italiane\

```

```

    }
  ]
}
}'),
('MMM-MD', 1, 8,
'{
  \"module\": \"MMM-MD\",
  \"position\": \"center\",
  \"config\": {
  }
}',
'{
  \"module\": \"MMM-MD\",
  \"position\": \"center\",
  \"config\": {
  }
}'),
('MMM-Screencast', 1, 9,
'{
  \"module\": \"MMM-Screencast\",
  \"position\": \"bottom_right\",
  \"config\": {
    \"position\": \"center\",
    \"height\": 600,
    \"width\": 1000,
    \"castName\": \"MagicMirror-GBM-cast\"
  }
}',
'{
  \"module\": \"MMM-Screencast\",
  \"position\": \"bottom_right\",
  \"config\": {
    \"position\": \"center\",
    \"height\": 600,
    \"width\": 1000,
    \"castName\": \"MagicMirror-GBM-cast\"
  }
}'),
('MMM-Mail', 0, 10,
'{
  \"module\": \"MMM-Mail\",
  \"position\": \"bottom_left\",
  \"header\": \"Email\",
  \"config\": {
    \"user\": \"YOUR_EMAIL_ADDRESS_HERE\",
    \"pass\": \"YOUR_EMAIL_PASSWORD_HERE\",
    \"host\": \"imap.gmail.com\",
    \"port\": 993,
    \"numberOfEmails\": 5,
    \"fade\": true,
    \"subjectlength\": 50
  }
}',
'{

```

```

    \"module\\\": \\\"MMM-Mail\\\",
    \"position\\\": \\\"bottom_left\\\",
    \"header\\\": \\\"Email\\\",
    \"config\\\": {
    \"user\\\": \\\"YOUR_EMAIL_ADDRESS_HERE\\\",
    \"pass\\\": \\\"YOUR_EMAIL_PASSWORD_HERE\\\",
    \"host\\\": \\\"imap.gmail.com\\\",
    \"port\\\": 993,
    \"numberOfEmails\\\": 5,
    \"fade\\\": true,
    \"subjectlength\\\": 50
    }
  }'),
  ('MMM-Online-State', 1, 11,
  '{
  \"module\\\": \\\"MMM-Online-State\\\",
  \"position\\\": \\\"top_right\\\",
  \"config\\\": {
  \"displaySymbol\\\": true,
  \"symbolOnline\\\": \\\"fas fa-globe\\\",
  \"symbolOffline\\\": \\\"fas fa-globe\\\",
  \"colored\\\": true,
  \"colorOnline\\\": \\\"#FFFFFF\\\",
  \"colorOffline\\\": \\\"#FF0000\\\"
  }
  }',
  '{
  \"module\\\": \\\"MMM-Online-State\\\",
  \"position\\\": \\\"top_right\\\",
  \"config\\\": {
  \"displaySymbol\\\": true,
  \"symbolOnline\\\": \\\"fas fa-globe\\\",
  \"symbolOffline\\\": \\\"fas fa-globe\\\",
  \"colored\\\": true,
  \"colorOnline\\\": \\\"#FFFFFF\\\",
  \"colorOffline\\\": \\\"#FF0000\\\"
  }
  }'),
  ('MMM-ip', 1, 12,
  '{
  \"module\\\": \\\"MMM-ip\\\",
  \"position\\\": \\\"bottom_right\\\",
  \"config\\\": {
  \"fontSize\\\": 18,
  \"families\\\": [
  \"IPv4\\\"
  ],
  \"types\\\": [
  \"wlan0\\\"
  ]
  }
  }',
  '{
  \"module\\\": \\\"MMM-ip\\\",

```



```

    \"position\": \"bottom_right\",
    \"config\": {
    \"fontSize\": 18,
    \"families\": [
    \"IPv4\"
    ],
    \"types\": [
    \"wlan0\"
    ]
    }
  }'),
  ('MMM-PIR-Sensor', 1, 13,
  '{
  \"module\": \"MMM-PIR-Sensor\",
  \"position\": \"bottom_right\",
  \"config\": {
  \"sensorPin\": 17,
  \"powerSaving\": true,
  \"powerSavingDelay\": 900,
  \"powerSavingNotification\": false,
  \"powerSavingMessage\": \"Attivazione modalità sospensione...\",
  \"preventHDMITimeout\": 5,
  \"presenceIndicatorColor\": \"white\",
  \"runSimulator\": false
  }
  }',
  '{
  \"module\": \"MMM-PIR-Sensor\",
  \"position\": \"bottom_right\",
  \"config\": {
  \"sensorPin\": 17,
  \"powerSaving\": true,
  \"powerSavingDelay\": 900,
  \"powerSavingNotification\": false,
  \"powerSavingMessage\": \"Attivazione modalità sospensione...\",
  \"preventHDMITimeout\": 5,
  \"presenceIndicatorColor\": \"white\",
  \"runSimulator\": false
  }
  }');

```

##### 5. Inserimento record default per la tabella `globals` Conteggio record: 12

```

INSERT INTO globals (NomeGlobale, JsonFragment, JsonStableFragment)
VALUES
  ('address',
  '\"localhost\"',
  '\"localhost\"'),
  ('port',
  '8080',
  '8080'),
  ('basePath',

```

```
'"/\'',
'"/\''),
('ipWhitelist',
'[
"127.0.0.1",
 "::ffff:127.0.0.1",
 "::1"
]',
'[
"127.0.0.1",
 "::ffff:127.0.0.1",
 "::1"
]'),
('useHttps',
'false',
'false'),
('httpsPrivateKey',
'\'\'',
'\'\''),
('httpsCertificate',
'\'\'',
'\'\''),
('language',
'\'en\'',
'\'en\''),
('logLevel',
'[
"INFO",
"LOG",
"WARN",
"ERROR"
]',
'[
"INFO",
"LOG",
"WARN",
"ERROR"
]'),
('timeFormat',
'24',
'24'),
('units',
'\'metric\'',
'\'metric\''),
('serverOnly',
'false',
'false');
```