

DB settings - Progettazione Fisica

Note

Piattaforma: **SQLite**

String delimiter: **'**

Escaped: **"**

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', 1, 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', 1, 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', 1, 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\": 1000,
      \"displayRepeatingCountTitle\": false,
      \"timeFormat\": \"relative\",
      \"getRelative\": 1,
      \"urgency\": 0,
      \"calendars\": [
        {
          \"url\": \"webcal://ical.mac.com/ical/Italian32Holidays.ics\",
          \"color\": \"#00E0E0\",
          \"name\": \"Festività italiane\"
        }
      ]
    }
  }',
  '{
    \"module\": \"calendar\",
    \"position\": \"top_left\",
    \"config\": {
      \"showLocation\": true,
      \"wrapEvents\": true,
      \"wrapLocationEvents\": true,
      \"fetchInterval\": 1000,
      \"displayRepeatingCountTitle\": false,
      \"timeFormat\": \"relative\",
      \"getRelative\": 1,
      \"urgency\": 0,
      \"calendars\": [
        {
          \"url\": \"webcal://ical.mac.com/ical/Italian32Holidays.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', 1, 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');
```

MagicMirror-GBM