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

   ```sql
   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

   ```sql
   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

```sql
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\": 1000,
    \"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\": 1000,
    \"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');
```

MagicMirror-GBM