

Welcome to Lvl1's Magic Mirror Workshop

Hosted by Broken

Open a terminal window on the pi. Top left 4 icon(black)

Navigate to the MagicMirror folder : `cd MagicMirror/`

Install and run the app with: `npm install && npm start`

The installation step for npm install will take a very long time, often with little or no terminal response!

For the RPi3 this is ~10 minutes and for the Rpi2 ~25 minutes.

Do not interrupt or you risk getting a ☐ by Raspberry Jam.

`npm start` does not work via SSH. But you can use `DISPLAY=:0 nohup npm start &` instead

This starts the mirror on the remote display.

`Copy /home/pi/MagicMirror/config/config.js.sample to /home/pi/MagicMirror/config/config.js`

Creating a working config in the GUI.

We don't need no stinking terminal! We're going to navigate through this just like we would on a PC or a Mac desktop. We all know how to point and click with a mouse. Here it is.

- Go to your Pi's desktop
- Click on File Manager (Top menu bar, 3rd from the left, in Raspbian Jessie)



- Double click the MagicMirror folder
- Double click the config folder
- Right click the `config.js.sample` file - select Copy
- Right click again somewhere else in that same window - select Paste
- Rename the file you just pasted to `config.js` and click the Rename button
- The new `config.js` file that you just pasted is now your working config file for MagicMirror

~~If you want to see your progress~~

- Open a new terminal and type `cd MagicMirror` and press your Enter key.
- Now you're in the `~/MagicMirror $` directory.
- Type `npm start` and press your Enter key to launch MagicMirror.

How to add modules

- Go to this page of modules:
- [https://github.com/MichMich/MagicMirror/wiki/MagicMirror²-Modules#3rd-party-modules](https://github.com/MichMich/MagicMirror/wiki/MagicMirror%20Modules#3rd-party-modules)
- Scroll down the page until you see MMM-JEOPARDY
- Click on it.
- Now you're at the repository for the MMM-JEOPARDY module.
- Click on the green Clone or download button on the right side of the page.
- That shows you the url to get the module.
- Copy that url.

So far, so good!

Now open a terminal and type `cd MagicMirror/modules` and press Enter.

- Now you're in the `~/MagicMirror/modules $` directory.
- Now type `git clone` AND one space and paste the url that you copied from my repo for the module.
- It should look like this: `git clone https://github.com/mykle1/MMM-JEOPARDY.git`
- Press your `Enter` key. This will download the module into the `MagicMirror/modules` folder.
- You're done with the terminal! (for now) Close it. We'll get back to it.

Go to your Pi desktop

- Click the File Manager folder. (Top menu bar, 3rd from the left, in Raspbian Jessie)
 - Double click the MagicMirror folder.
 - Double click the config folder.
 - Double click the config.js file. (Not the sample! The config.js file you made during setup)
 - Your config.js file is now open in a text editor. If not, open it in your text editor.
 - You have to add an entry for the module you just downloaded so that MM knows to load it.
 - Lets put the entry for MMM-JEOPARDY under your calendar module entry.
 - Modules that occupy the same position display in the order they appear in the config.js file.
 - Scroll down to the calendar entry in the config.js file.
 - The calendar entry "ends" at the last `}`, and the compliments module entry begins with a `{`.
- So, all module entries in the config.js file begin with a `{` and end with a `}`,
Look at the way the modules are entered. What I just described should be evident.
- Copy and paste the following "between" the ending of the calendar module entry - `}`,
 - And the beginning of the compliments module entry - `{`

Copy and paste ALL of this

```
{
```

```

    module: "MMM-JEOPARDY",
    position: "top_left",
    config: {
        useHeader: false,                                // true if you
want a header
        header: "This is Jeopardy!",
        maxWidth: "250px",
        animationSpeed: 3000,                            // Fades to next
clue
    }
},

```

Here is a good example about the alignment of the modules in the config file. One character off will cause a config error.

```

{ <== This is the beginning of the calendar module entry. All module entries begin this way.
module: "calendar",
header: "US Holidays",
position: "top_left",
config: {
    calendars: [
        {
            symbol: "calendar-check-o ",
            url: "webcal://www.calendarlabs.com/templates/ical/US-Holidays.ics"
        }
    ]
}
}, <== This is the end of the calendar module entry. All module entries end this way.
{ <== This is the beginning of the module you are adding in this guide. It's the same for all additions.
module: "MMM-JEOPARDY",
position: "top_left",
config: {
    rotateInterval: 25 * 1000,
    useHeader: true,
    header: "This is Jeopardy!",
    maxWidth: "250px",
}
}, <== This is the end of the module you are adding in this guide. All your additions will end this way.
{ <== This is the beginning of the compliments module entry. And so on and so forth. You can do it!
module: "compliments",
position: "lower_third"
},

```

- Go to the file menu and choose SAVE. You can close your text editor window now.
- Open a new terminal and type `cd MagicMirror` and press your Enter key.
- Now you're in the `~/MagicMirror $` directory.
- Type `npm start` and press your Enter key to launch MagicMirror with your new module installed.

Let's set up a google calendar

Paste this in between the brackets

```
module: "calendar",
    header: "US Holidays",
    position: "top_left",
    config: {
        calendars: [
            {
                symbol: "calendar-check",
                url:
"https://calendar.google.com/calendar/ical/1n5qvjga6i4t6lde35vq5dg8ds%40group.calendar.google.com/private-de28ad26f33c578e229257ac924073bd/basic.ics"
            },
            {
                url:-
https://calendar.google.com/calendar/ical/1n5qvjga6i4t6lde35vq5dg8ds%40group.calendar.google.com/private-de28ad26f33c578e229257ac924073bd/basic.ics
            }
        ]
    }
}
```

Everyone Loves weather!!!!!!!!!!!!!!!!!!!!!!!!!!!!

This is a default app, so simply navigate to <https://openweathermap.org/>

And register for an api key

Once you have a key, navigate back to the config file and insert your key between the quotes and populate the additional info, city, location code.

"your key"

location: "Louisville",

locationID: "4299276",

READY????????????

Let's start your mirrors and see what we have!!!!