

MedDream DICOM Viewer Chrome browser extension for multi-monitors

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Requirements

- MedDream DICOM Viewer multi display browser extension requires Google Chrome browser version 52 or newer.
- Connected more than one display monitors.
- Recommended to have monitors with the same resolution (and Windows PC - the same scale), to expand browser content to correct size and position.

Extension installation

1. Extension can be found here:

1.1. Open Google Chrome Properties -> More tools -> Extensions:

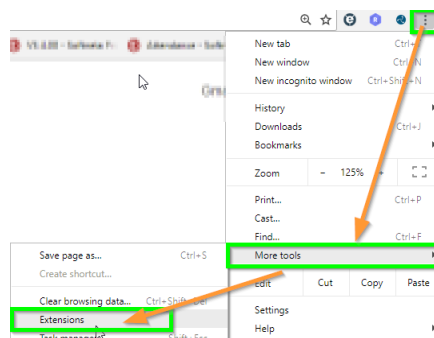


Figure 1 Chrome properties.

In opened window select Extensions (in the left upper corner) -> Open Chrome Web Store

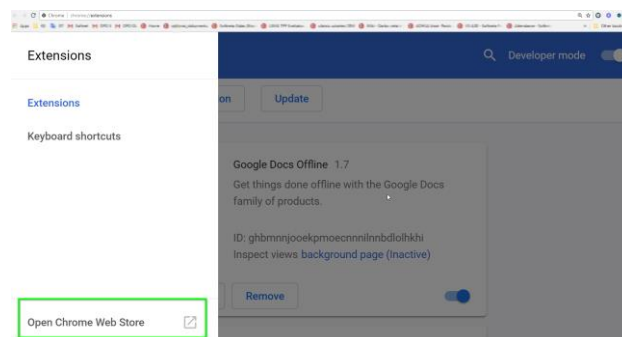


Figure 2 Chrome web store.

- 1.2. Go directly to Google Chrome extensions website ->

<https://chrome.google.com/webstore/category/extensions>

2. Search for MedDream browser extension: type "meddream" in the search.

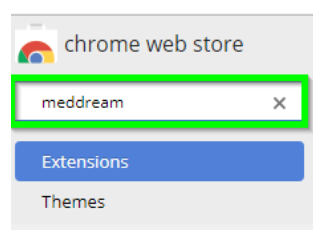


Figure 3 Filtering MedDream extension.

3. Add to chrome MedDream browser extension.

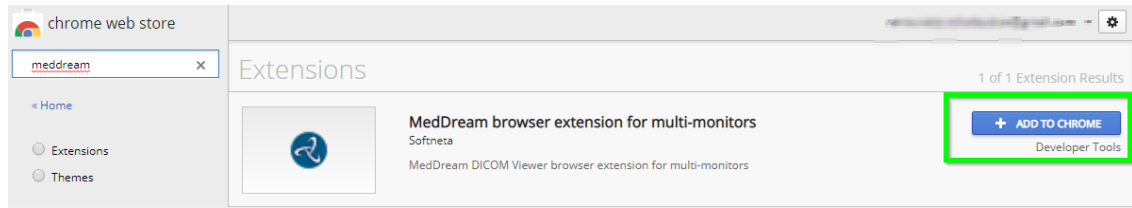


Figure 4 Adding MedDream extension.

4. MedDream browser chrome extension has been successfully added to Chrome.

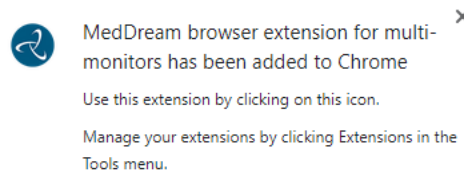


Figure 5 Successful MedDream extension's addition.

Extension configuration

In Google Chrome browser's right upper corner you will find Softneta's logo with added MedDream extension.

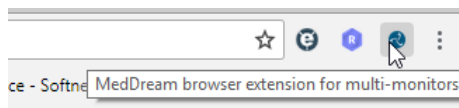


Figure 6 Extension's indication.



Please note, that parameters are stored in browser local storage, thus after deleting temporary files should be set up again.

1. The user has to set up configuration by pressing:
 - on the Softneta's logo or
 - if configuration windows are not shown, right click on icon and select "Options". New windows with MedDream extension configuration will be loaded.

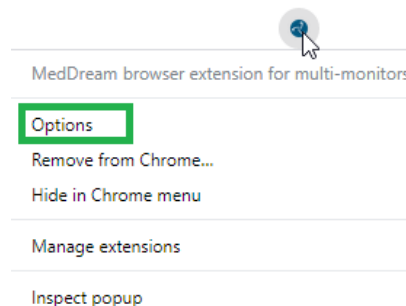


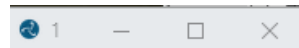
Figure 7 Opening options.

2. Fill **“URL part to search”** input with appropriate URL context path or part, example: for MedDream DICOM Viewer version 7.5 or newer - **“/view”**, **“IP/view”**, for older versions - **“md5/index”**, **“index.html”**.



NOTE! If user will leave empty URL context path, it will be filled by default value **“/md5/index”** that is used for versions earlier than v7.5.

3. Button **“Identify”** will allow to show display numbers.



Display 1

Figure 8 identify display.

4. **Automatically move and expand browser window:**
 - 4.1.1. Specify desired Displays by clicking on them.
 - 4.1.2. Press button **“Save”** and try open viewer.

URL part to search

Enter URL part (index, search/index.html, /view,..).

md5/index

Automatically move and expand browser window

Click and select display box (shows only enabled monitor displays).

Display 1	Display 2	Display 3
Id: 2841568472	Id: 2528732444	Id: 2779098405
Name: Dell U2414H(HDMI)	Name: Dell U2414H(HDMI)	Name: Qeony 4000 Monitor
Position: 0x0	Position: 1920x0	Position: 3840x0
Size: 1920x1040	Size: 1920x1040	Size: 1920x1040
DPI: 96x96	DPI: 96x96	DPI: 96x96
Primary	Selected	Selected

Identify Save

Manually set browser window size ☐

Open your web page and resize.
Open plugin options, check "Manually set browser window size"
Press button "Update Parameters" (to fill inputs)
Press button "Save"

Left(x): -7 Width: 5771 Current window size: Left: 1913, Top: 0, Width: 1784, Height: 1045
Top(y): 0 Height: 1045 Update Parameters

Save

Figure 9 Configure to open automatically.

5. Manually set browsers window size:



NOTE! If Automatically select displays shows incorrect view, user can Manually expand browser window and save it.

- 5.1. Open your MedDream viewer window which you want to expand on more than one display.
- 5.2. Move to desired position and resize to expand browser window.
- 5.3. Open MedDream extension's configuration windows.
- 5.4. Select checkbox "Manually set browser window size".
- 5.5. Press button "Update Parameters" to fill inputs with current window size or fill manually.
- 5.6. Press button "Save" and try open viewer.

URL part to search

Enter URL part (index, search/index.html, /view,..).

md5/index

Automatically move and expand browser window

Click and select display box (shows only enabled monitor displays).

Display 1 Id: 2841568472 Name: Dell U2414H(4096x1080) Position: 0x0 Size: 1920x1040 DPI: 96x96 Primary	Display 2 Id: 2528732444 Name: Dell U2414H(4096x1080) Position: 1920x0 Size: 1920x1040 DPI: 96x96 Selected	Display 3 Id: 2779098405 Name: Generic PnP Monitor Position: 3840x0 Size: 1920x1040 DPI: 96x96 Selected
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Identify Save

Manually set browser window size ☒

Open your web page and resize.
Open plugin options, check "Manually set browser window size"
Press button "Update Parameters" (to fill inputs)
Press button "Save"

Left(x): Width: Current window size:
Top(y): Height: Left: 1913, Top: 0, Width: 1784, Height: 1045

Update Parameters

Save

Figure 10 Configure to open manually.

6. Examples



Figure 11 MedDream DICOM Viewer on 2 displays.



Figure 12 MedDream DICOM Viewer on 3 displays