



Thank you for taking the time to look into the filemonger service and the Filemonger viewer app. You can install the Android™ app from Google's Play Store by opening the following link:
<http://play.google.com/store/apps/details?id=filemonger.viewer> . If you are using a desktop computer, please use the following link to launch the web application inside your favorite browser:
<http://filemonger.com/>

What is the filemonger service?

filemonger is a web viewer for design and 3D files. It is available through the Filemonger viewer app for your Android device. Just browse to a file or a ZIP archive on the web, and you will be able to view and interactively rotate, zoom or move the objects in the file. You can additionally view files transferred to your device using USB, a cloud service like Google Drive or files sent via e-mail.

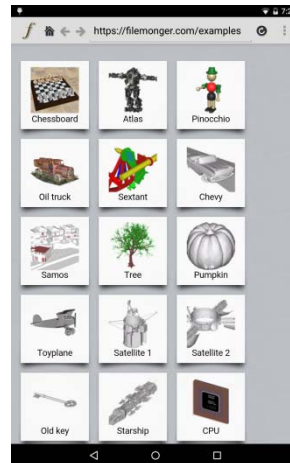
With filemonger you can easily view the content of DXF drawings, IGES assemblies, VRML worlds, OBJ files, Gerber PCB designs or TIFF images by simply pointing to their location on the Web.

The service is also available for the most popular desktop browsers including Google Chrome, Apple Safari, Firefox, Internet Explorer and Opera.

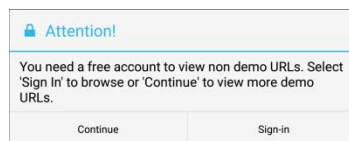


Viewing an example file

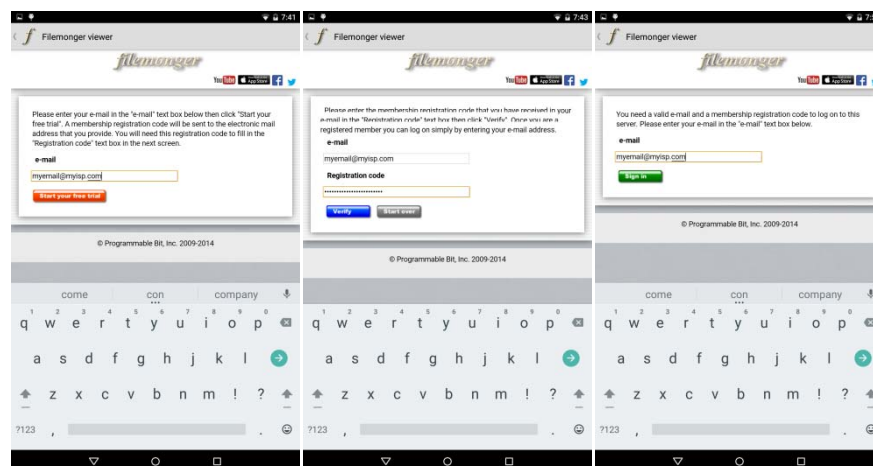
The easiest way to try the service is to view a few of the examples right from the startup page as shown in the image below.



To view files beyond the basic examples like URLs from the web, attachments sent to you via e-mail, or files uploaded to the device using USB or a cloud service, you need to sign up for a free account. If you do not have an account or you are not signed in, you will see an alert similar to the following when attempting to view such files.



To create an account choose the "Sign-in" menu item Sign in and enter your e-mail address in the "e-mail" text box, then click "Start your free trial" as shown in the image on the left below.



Soon after you have tapped on "Start your free trial" you will receive an e-mail like the following:

From: support@filemonger.com [mailto:support@filemonger.com]

Sent: Thursday, February 12, 2009 6:00 AM
To: myemail@myisp.com
Subject: Welcome to filemonger.com!


Thank you for registering to filemonger.com. Your membership registration code is "xxxx-xxxx-xxxx-xxxx-xxxx". Please copy this code (without the quotes) and paste it into the "Registration code" text box of your browser to continue with your registration.

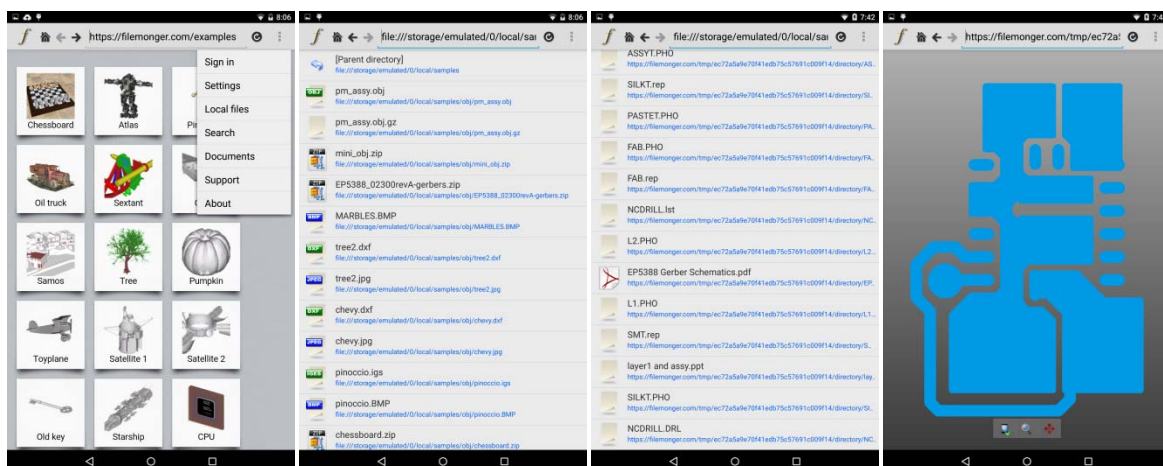
Enter the membership registration code that you have received in your e-mail in the "Registration code" text box then tap on "Verify" as shown in the image in the center above.

Next time you can sign-in to the server by just entering your e-mail in the "e-mail" text box as shown in the image on the right above. Your account remains active for three months after your last sign-in. If it stays inactive for more than three months or you re-install the application, you simply have to register like the first time.

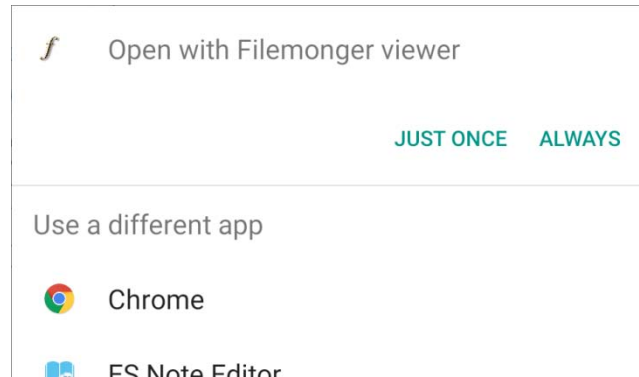
Keep in mind that filemonger is a secure service. This means that data traveling to and from your device or browser cannot be observed or altered by any intermediate party.

Viewing a local file or an e-mail attachment

You can view local files using the Filemonger viewer from any accessible area of the device, once you have transferred them there from your computer using USB or a cloud service. To view, select the action bar menu  on the top right, then select "Local files" to view a list of available files. In the example below, the local file is a .ZIP archive so we select one file from the archive to view as shown. If you are using a desktop computer browser, the process of opening a local file is slightly different from the Android device. First you have to switch the menu to the left of the URL address from "Address" to "Local file" then launch the standard system file open dialog to choose the local file directly from your hard-drive.



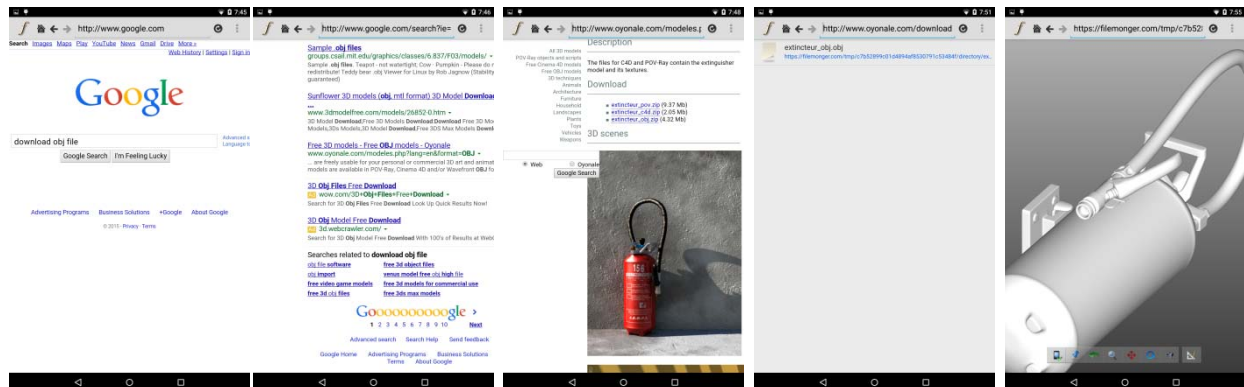
To view an e-mail attachment, tap on the attachment to download it, go to the Downloads and locate the attachment, tap on it then select "Open with Filemonger viewer" (i.e.: JUST ONCE) as you see in the popup below. You can review previously selected attachments in the Downloads area.



Opening a file or archive from the web

The application acts like a browser for HTML files. You can select links that you would like to view their contents. You can also enter a location in the address bar and select the reload icon on the right of the address bar to view the file. Finally you can use the forward, backward and home icons to navigate seamlessly among web pages, device documents, zip archives, and the viewer.

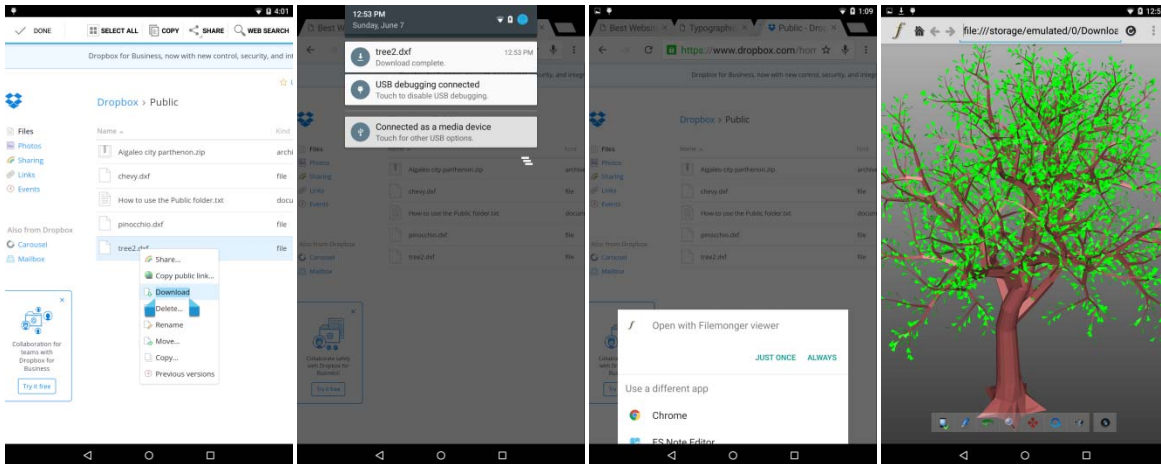
In the example shown below, a search is performed for .OBJ files, a site is selected, then the app drills down to the contents of the .ZIP file posted on the web page, finally the model of the .OBJ file can be interactively inspected.



If you prefer to use an external browser on your device, you can launch the Filemonger viewer to view any supported file type provided that the browser is giving the option to open in Filemonger viewer. This is similar to the process described previously for the local files and e-mail attachments.

Opening a file or archive from Dropbox







Using the browsing capabilities of the Filemonger viewer application you can view files stored into web repositories like Dropbox. Select the site in the address bar and login if necessary. Locate the folder that you are interested in and find the file that you wish to view. Tap and hold then select "Download" to view the file. Select the file from the notification area then select "Open with Filemonger viewer" in the popup. The file will show/launch the Filemonger viewer app.



The method described above does not require the Dropbox app. Alternatively, for cloud services like Dropbox, Google Drive or OneDrive, you could use their corresponding apps. The process of sending a file to the Filemonger viewer is similar for most service apps, open the app, locate the file you wish to open, then send it to the Filemonger viewer. Specifically, in Google Drive select info/Download, in Dropbox expand/Open with, in OneDrive info/Save finally select "Open with Filemonger viewer".

Interaction tools

You can select different viewing tools from the toolbar on the top of the viewer window to rotate, scale and move your view. Once you have selected a tool, touch and drag your finger(s) on the screen to interactively achieve the desired rotation, scaling or offset.

	Auto touch tool, handles Orbit, Tilt, Zoom, Pan and selection of Center of Interest
	Select the 3D Center of Interest
	Orbit – rotate around the center of interest
	3D zoom / 2D scale
	3D pan / 2D move
	3D tilt



3D perspective projection - look around

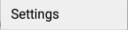


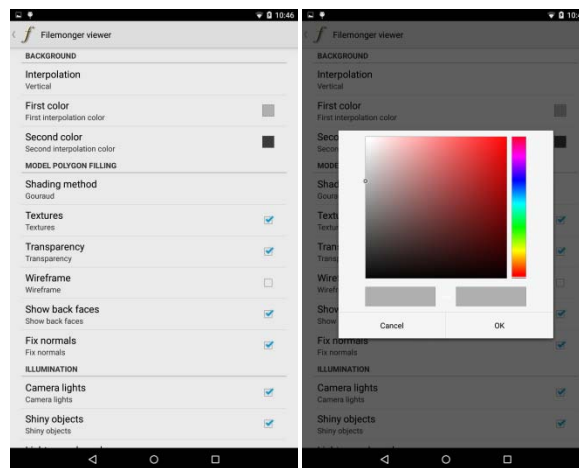
Parallel projection mode



Perspective projection mode

Application settings

The Settings menu item  lets you change the interactivity or rendering parameters. The modified parameters apply as soon as you switch back to the viewer page.



BACKGROUND

Interpolation: Selects the background color interpolation method. It could be None, Horizontal or Vertical. The default is Vertical.

First color: Clicking on the color rectangle allows you to pick the rendering's first background color. If the interpolation style is None this is the flat background color, if the interpolation style is Horizontal this is the left color and if the interpolation style is Vertical this is the top color.

Second color: Clicking on the color rectangle allows you to pick the rendering's second background color. If the interpolation style is Horizontal this is the right color, if the interpolation style is Vertical this is the bottom color. The color is locked if the interpolation style is None.

MODEL POLYGON FILLING

Shading method: Selects one of three shading models Gouraud (smooth surfaces), Flat (faceted look) or Solid (constant color)

Textures: On shows all textures if available. Off shows the object's color. The default is On.

Transparency: On shows transparent objects. Off shows transparent objects as opaque. The default is On. The transparency effect is simulated and the results may not be accurate.

Wireframe: On shows all objects as wires. Off shows all polygons filled. The default is Off.

Show backfaces: On shows all faces while Off culls the back facing ones. The default is on.

Fix normals: If On, the back facing polygons are lit taking into account the negated normal. If it is Off the back facing polygons are lit only by the ambient light.

ILLUMINATION

Camera lights: If it is On the light is attached to the viewer if it is Off it is attached to the objects. The default is On.

Shiny objects: If it is On it allows to set the parameters that control the shininess of the objects in the scene. The default is On.

Light specular color: Controls the color of specular highlights by affecting the light.

Object specular color: Controls the color of specular highlights by affecting the objects.

Shininess: Controls the width of the specular highlights on shiny objects. The default is 50. Higher values mean narrower highlight.

DRAWING POLYGON FILLING

Shading method: It is always set to Solid for drawings.

Wireframe: On shows all objects as wires. Off shows all polygons filled. The default is Off.

FILE FORMATS

Recalculate normals: If it is On before opening a 3D file the rendering normals will be calculated by the filemonger service, if it is Off the normals in the file will be used, provided that they are available. The default is On.

Suggestions

Your suggestions are important to shape the service to your requirements. Please feel free to send us your comments at support@filemonger.com. Let us know what will make filemonger more useful to you, what file formats you would like to use, what additional functionality you would like to see. Also, we will try to correct any issues that you report as soon as feasible.

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