LG Smart TV enable Developer Mode to Ad-Free YouTube

How to enable Developer mode and also add "Ads Free YouTube" App.

Here is a guide that enable Developer Mode on your LG webOS TV and install an ad-free YouTube application.

Detailed Step-by-Step Instructions

If you prefer written instructions, follow this comprehensive guide. The process involves enabling Developer Mode on your TV and then using a computer on the same network to install the new application.

Part 1: Enable Developer Mode on Your LG TV

First, you need to activate Developer Mode to allow the installation of third-party apps.

1. **Create an LG Developer Account**: If you don't have one, go to the LG Developer website, sign in with your regular LG account, and agree to the additional terms to enable it as a developer account. If you don't have an LG account, create a new one. Link to LG Developer Account : https://gr.lgaccount.com
2. **Install the Developer Mode App**: On your LG TV, go to the **LG Content Store** (or "Apps"), search for the "Developer Mode" app, and install it.
3. **Activate Developer Mode**:
   - Launch the "Developer Mode" app on your TV.
   - Log in with your LG Developer account credentials.
   - Turn the **Dev Mode Status** to **ON**.
   - On the same screen, turn the **Key Server** option to **ON**.
   - The TV will prompt you to **reboot**. After it restarts, Developer Mode will be active.
4. **Get Connection Details**: Re-open the Developer Mode app. Note the **IP Address** and **Passphrase** displayed. You will need these to connect your computer to the TV.

Part 2: Install the Ad-Free YouTube App

Now, you will use your computer to remove the official YouTube app and install the modified version.

1. **Uninstall Official YouTube App**: Before proceeding, you must uninstall the official YouTube app from your LG TV. This is a necessary prerequisite.

2. **Download webOS Dev Manager**: On your computer, download and install the **webOS Dev Manager** application. This tool allows you to manage apps on your TV. Link to download : https://github.com/webosbrew/dev-manager-desktop/releases
3. **Connect to Your TV**:
   - Ensure your computer is on the same Wi-Fi or wired network as your TV.
   - Open webOS Dev Manager and click **"Add Device"**.
   - Enter the IP Address and Passphrase you noted from your TV's Developer Mode app to establish a connection.
4. **Install Homebrew Channel**: Once connected, it is highly recommended to first install the **Homebrew Channel**. This app acts as an alternative app store for webOS and simplifies finding and installing third-party apps.
   - In the webOS Dev Manager, go to the "Apps" tab and find "Homebrew Channel" in the list of available apps.
   - Click to install it on your TV.
5. **Install the Ad-Free YouTube App**:
   - After installing the Homebrew Channel, open it on your TV.
   - Search for **"YouTube AdFree"** (the file is often named `youtube.leanback.v4`) and install it through the Homebrew interface.
   - Alternatively, you can install the "YouTube AdFree" app directly from the webOS Dev Manager's app list.

After these steps, you will have an ad-free version of YouTube on your LG Smart TV. The configuration menu for this app, which includes SponsorBlock settings, can typically be accessed by pressing the **green button** on your remote.

> **Important Note:** The Developer Mode session on LG TVs has a limited duration (e.g., 999 hours). You may need to periodically open the Developer Mode app and click "Extend" to renew the session and keep your sideloaded apps working.

Revision #7
Created 2025-09-11 19:33:13 EEST by Green
Updated 2025-09-11 20:04:10 EEST by Green