



APPLIEDSTREETVIEW

Player installation

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Overview

There are 3 ways to run Applied Streetview player.

We will explain them using our Demo data-set.
And tell what to look out for when processing by yourself.

No processing required

Creators build-in Demo Server

Result

A PC or Laptop with a browser running the player.
The player can be accessed from the PC or Laptop only.
Without processing any data. Just install and run the Creator program.

Download the newest **Creator** program from this page:

<http://www.applied-streetview.com/creator/>

It will work for 21 days without any limitations.

Install Creator on a 64-bit Windows 7, 8 or 10 PC or Laptop.

Download the **Demo-processed** data-set. (1.131 GB)

<http://updates.applied-streetview.com/example-data/Demo-processed.zip>

Unzip it to your hard-drive as folder **Demo-processed**.

Example: D:\Demo-processed

Open Creator.

On the **Projects** tab click the **Restore from a backup** button.

Select the **Demo-20160519-104414-Creator.backup** file in folder

D:\Demo-processed. Click **Open**.

In Creators **Projects list** tab click the new **Demo-20160519-104414** link to load the project.

Ignore this pop-up:

Input folder D:\projects-in\Demo does not exists. Click here to pick it.

On the **Project** tab click on **Edit project name** and change it to

Demo-processed.

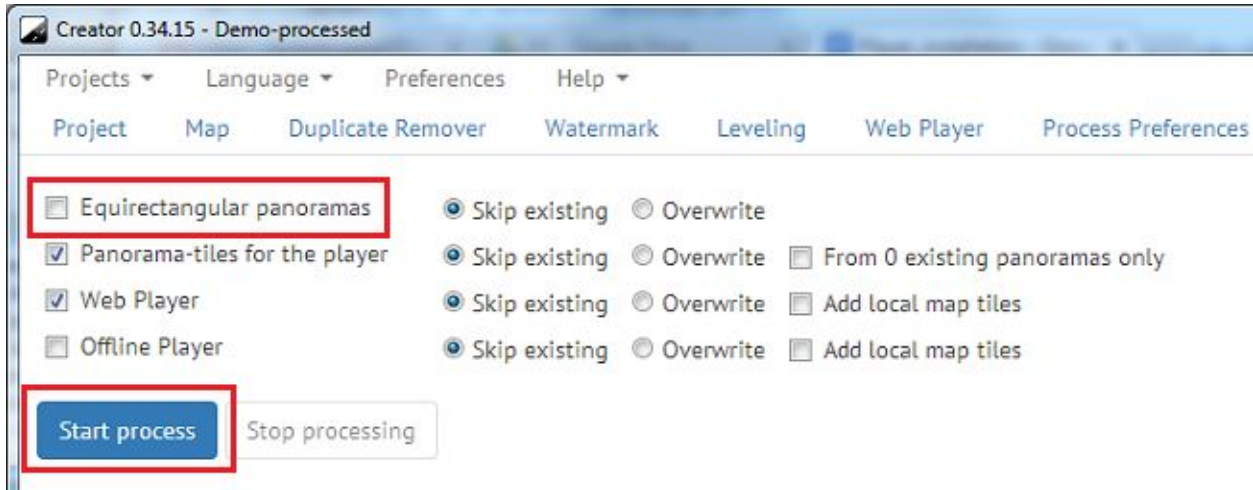
On the **Process Preferences** tab change the Output path to

D:\Demo-processed. Click **Save**.

On the **Process** tab click the **Start process** button.

Uncheck the **Equirectangular panoramas** checkbox.

In the pop-up click the **Start process** button



Because **Skip existing** is selected, no processing is done at all. This should just need a few seconds. It is to trick the Creator into recognizing this is an already processed project.

On the **Demo Server** tab, click the **Launch in web browser** button to see the working player. Without the processing step you will see **The demo server is available only after processing has finished** on the **Demo Server** tab.

To launch the player in a different browser than the Operating System's default browser, click the Copy URL button and paste the URL into a browser of your choice.

Android: Offline Player

Result

An Android tablet with a working player that needs no internet access at all. Both streetviews and maps are on the tablet.

Works great with **Samsung Galaxy Tab S2** (both 8 and 10 inch) and **NVIDIA Shield tablet K1**.

Download and unzip the **Langen** offline project on your tablet. (762 MB).

<http://updates.applied-streetview.com/offline-player/Langen.zip>

Unzipping might need some time.

Alternatively unzip to a SD card using your PC. Then insert the SD card with the unzipped folder into the tablet.

Download our Android app:

<http://updates.applied-streetview.com/offline-player/Streetview-Player-1.0.7.apk>

Install and open the app.

Click the **New Project** button and pick the unzipped **Demo folder** to add it.

After that open the new "**Langen**" project visible on the same page.

See this page for what the Android Offline Player should look like:

<http://www.applied-streetview.com/android-offline-streetview-player>

You now can add bookmarks with the icon in the top left-hand corner.

The menu is in the top right-hand corner.

Web-server: LAMP

Result

A real webserver that can be accessed from an address like

<http://www.your-company.com/player>

This shows how to install the player on a run-off-the-mill Apache web-server.

If you have never worked with FileZilla, cPanel or phpMyAdmin, you need to ask your company's IT department for help.

We assume you have a configured **Apache** server with **MySQL** and **PHP**. As well as **cPanel** and **phpMyAdmin**. And a ftp client like free **FileZilla**.

Download the **Demo-processed** data-set. (1.131 GB)

Unzip it to your hard-drive as folder **Demo-processed**.

Example: D:\Demo-processed

Player

With filezilla copy the **D:\Demo-processed\player** folder to the Apache web-server.

MySQL database

Create a new MySQL database named **Demo** with **cPanel -> MySQL Databases**

Create a new user with a password.

Add the user to the new **Demo** database and provide it with **All** rights. (For production you might want to change this later for security reasons.)

Open **phpMyAdmin**.

Open the new **Demo** database.

On the **Import** tab select the **Demo/player/Demo.sql** file and import it.

Player configuration

Database access

Edit **Demo\player\plugins\streetview\ajax\db.php**

Enter the data for the database access.

You need to change **user**, **password** and **dbname**.

Panorama tiles:

Copy the **D:\Demo-processed\panorama-tiles** folder to the web-server.

Depending on your internet connection this step might need a real long time.

Maybe create an empty **panorama-tiles** folder on the web-server and copy the **Camera-20160420-111004-000000001** folder only for the beginning. It's the default start streetview for this project.

Edit **krpano.xml**.

Change the **tilespath** variable to point to the **panorama-tiles** folder on your server.

Change it from default

tilespath="http://www.yourcompany.com/panorama-tiles"

to

tilespath="http://www.companyname.com/panorama-tiles"

Map-tiles

Change it from default

mapproviderurl="http://www.yourcompany.com/panorama-tiles"

to

mapproviderurl="http://a.tile.openstreetmap.org"

If you have a **local maptiles folder** that is a sub-folder of the player folder use a **relative URL**:

mapproviderurl="maptiles/"

Don't forget the / at the end!

In case you save the **panorama-tiles** folder and/or the **maptiles** folder to a folder other than the player folder, please use an **absolute URL**.

Example: **http://www.my-server.com/projects/Demo/panorama-tiles**

Example: **http://www.my-server.com/projects/Demo/map-tiles**

Processing data

Creators build-in Demo Server

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The newest Creator version is available on this page:

<http://www.applied-streetview.com/creator>

Download and unzip the **Demo.zip** footage to your PC. (762 MB).

<http://updates.applied-streetview.com/example-data/Demo.zip>

Follow the newest **Creator Quick Start Guide** on this page:

<http://www.applied-streetview.com/creator>

After the processing has finished, open the **Demo Server** tab, and click the **Launch in web browser** button.

To launch the player in a different browser than the Operating System's default browser, click the **Copy URL** button and paste the URL into a browser of your choice.

Android: Offline Player

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An Android tablet with a working player that needs no internet access at all. Both streetviews and maps are on the tablet.

Works great with **Samsung Galaxy Tab S2** (both 8 and 10 inch) and **NVIDIA Shield tablet K1**.

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When processing make sure to

- tick **Offline Player** on the **Process** tab.
- tick **Add local map tiles** on the **Process** tab.

For the **map tiles** you need to set up a local folder with map-tiles on the **Map** tab. Use the first option of the drop-down list in the top-right-hand corner of the map.

jTileDownloader is a simple program to download some map-tiles:

<http://wiki.openstreetmap.org/wiki/JTileDownloader>

It needs Java to run.

Web-server: LAMP

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A real webserver that can be accessed from an address like

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Follow the newest **Creator Quick Start Guide** available on this page:

<http://www.applied-streetview.com/creator>

After the processing has finished, follow the [Web-server: LAMP](#) chapter for the Demo data.

Support

Support is provided for our newest program versions and newest example data sets only. Please check first and update if necessary.

Support is available in English language.
Screenshots and/or links help us a lot to help you.

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