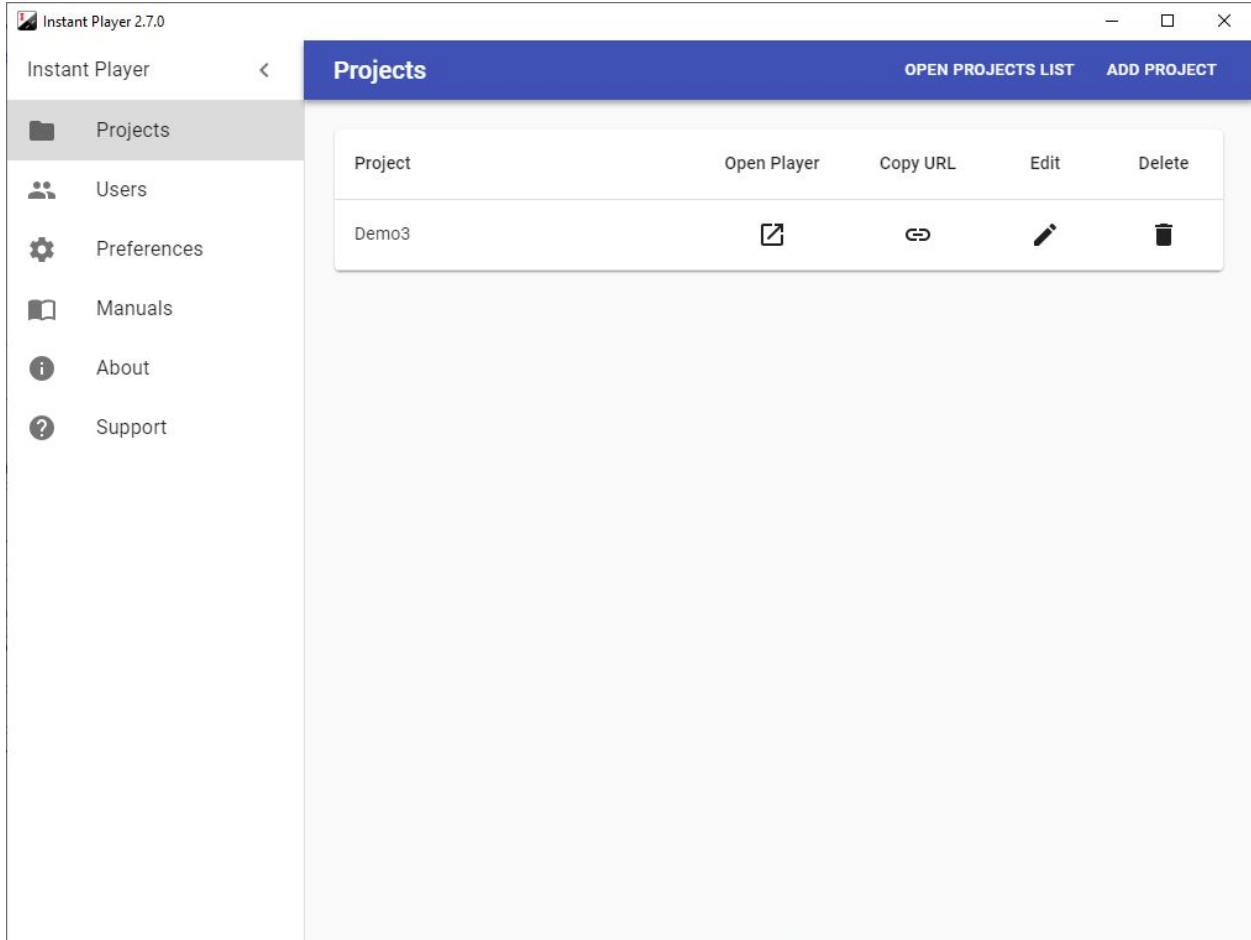




## Instant Player

Manual  
version 2.7.0



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# Installation

Download the newest [Instant Player](#).

Install it to a Windows 10 PC or Windows Server 2019, Google Cloud, Amazon EC2 and Microsoft Azure Cloud.

Starting with release 2.6.0 CUDA 10.0 is required:

<https://developer.nvidia.com/cuda-10.0-download-archive>

A NVIDIA graphics card with a minimum compute capability of 5.2 and minimum 4 GB VRAM is required. More info at <https://en.wikipedia.org/wiki/CUDA>.

We recommend a NVIDIA RTX 2060 with 8 GB VRAM.

Please notice the [serve](#) mode works without an NVIDIA graphics card and without CUDA. For the server mode the streetview-tiles need to be created by Creator 3.

# Main Features

## Windows

For Windows 10 and Windows Server 2019, Google Cloud, Amazon EC2 and Microsoft Azure Cloud.

## Closed user groups

Instant Player is meant for your company and your subcontractors only, not the public.

To serve the public with usage peaks to be expected it needs the [Web-Player](#) for the LAMP (Linux, Apache, MySQL, php) stack. The [Web-Player](#) is generated by [Creator 3](#) as a default.

## Modes

Automatically switches between **on-the-fly** and **serve** mode.

## On-the-fly mode

Creator to only **configure the project**.

The **processing of the streetviews** is done **on-the-fly** by the Instant Player. When a streetview is requested by a viewer the Instant Player generated and caches the streetview to reuse it later, without processing it again.

## Serve mode

Creator to **configure the project** and to **process the streetviews**.

Processing a project by Creator might need some time.

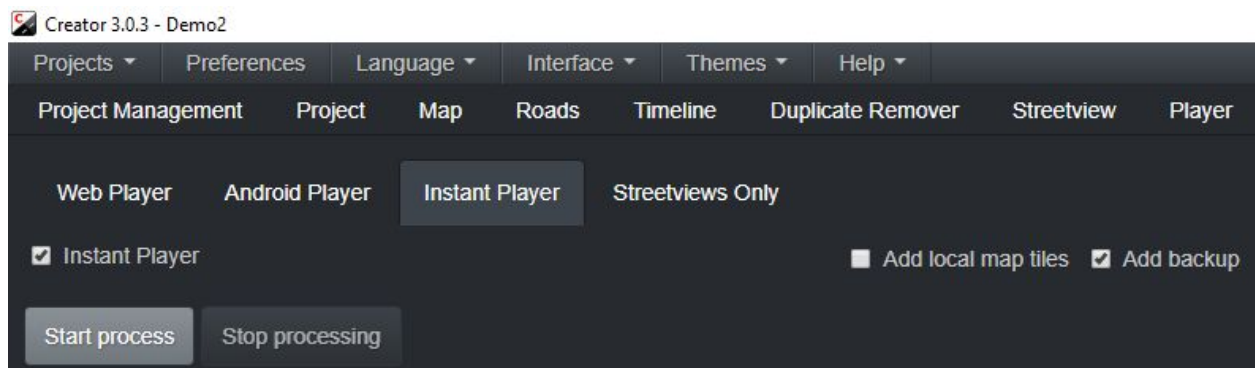
The Instant Player just to serve the already processed streetviews. No NVIDIA graphics card and no CUDA is needed by the Instant Player.

# Preparations with Creator 3

## On-the-fly mode (Default)

The Instant Player can be created for any existing or new Creator 3 project. It only needs a minute.

Process - Instant player screenshot:



## Limitations

Instant player currently does not support **Assets** and **Floors**.

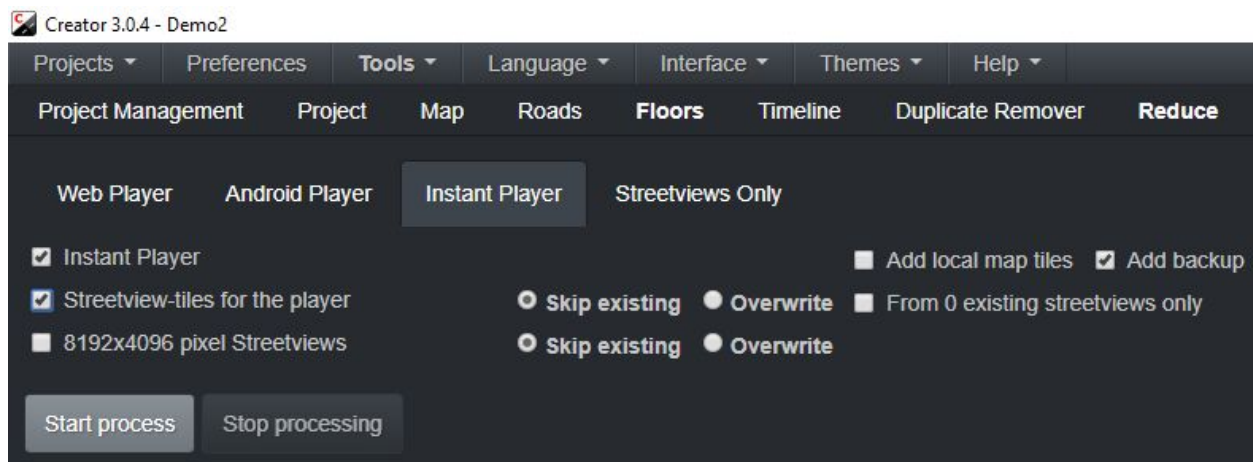
The [Visualizer](#) plug-in is supported.

## Serve mode

This mode needs Creator 3 to process the tiles first.  
They can be created for any existing or new Creator 3 project.  
Creating the streetviews might need some time.

Interface - Advanced,  
then  
Process - Instant player

Tick the **Streetview-tiles for the player** option:

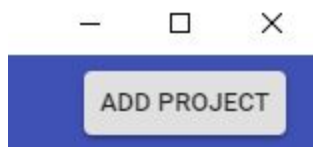


## Limitations

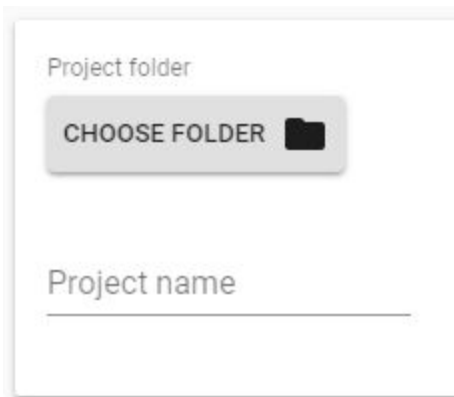
Instant player currently does not support **Assets** and **Floors**.  
The [Visualizer](#) plug-in is supported.

# Projects

## New







Click **Add project** to add a new Instant Player enabled Creator-project.

A screenshot of a form for adding a project. It features a "Project folder" label above a button labeled "CHOOSE FOLDER" with a folder icon. Below this is a "Project name" label above a text input field.

Pick the output folder of the Instant Player enabled Creator-project and then click **Save**.

## Manage

Project	Open Player	Copy URL	Edit	Delete
Demo2				

### Open Player

Opens the player URL in a new browser tab.

### Copy URL

Copies the players URL to the clipboard.

## Edit

Edit project specific preferences:

- Project folder - Instant Player enabled Creator-project folder
- Project name - Project name
- Projects source photos - If Instant Player is not ran on the same PC as Creator, this option allows to adjust for the folder with the source images of the project. Same as **Project folder** in Creator.

## Delete

Delete the selected project from Instant Player. **No files are deleted.**

## Open Projects list



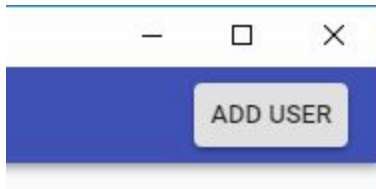
Click on **Open Projects list** in the top right corner, this will open a new Browser window with the list of all the projects.



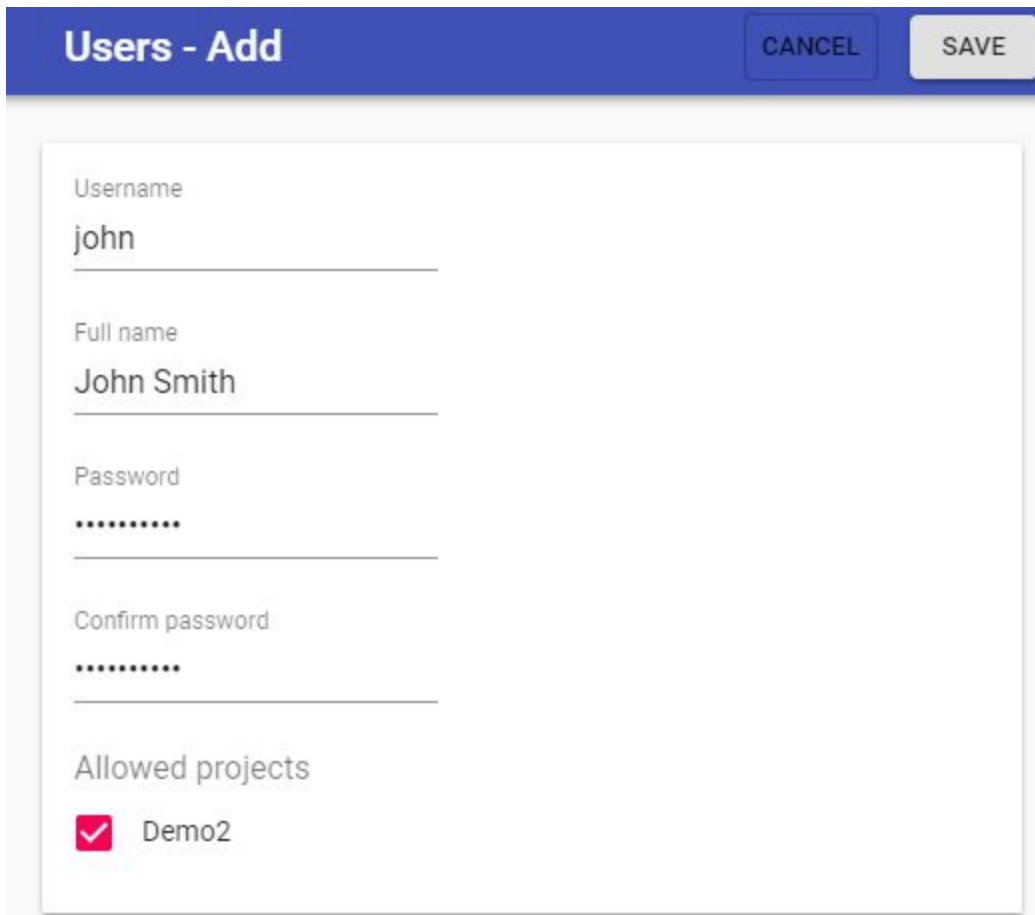
# Users

Allow only registered users to access specific projects.

## New

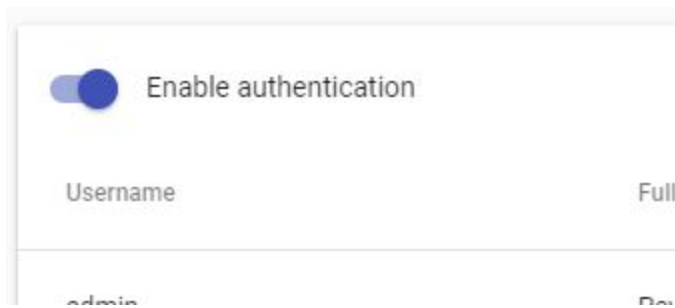


Click **Add user** to add a new user.

A screenshot of a web application form titled "Users - Add". The form has a dark blue header bar with the title "Users - Add" and two buttons: "CANCEL" and "SAVE". The form contains several input fields: "Username" with the value "john", "Full name" with the value "John Smith", "Password" with a masked value "\*\*\*\*\*", and "Confirm password" with a masked value "\*\*\*\*\*". Below these fields is a section titled "Allowed projects" with a single checkbox labeled "Demo2" that is checked.

Fill in the fields and click **Save** in the top right corner.

## Enable authentication



The screenshot shows a settings window with a toggle switch for 'Enable authentication' which is turned on. Below the toggle is a table with two columns: 'Username' and 'Full'. The first row shows 'admin' in the 'Username' column and 'Full' in the 'Full' column.

Username	Full
admin	Full

Click on **Enable authentication** to check for a valid user when accessing a project.

Sign in

http://192.168.1.101:12035

Your connection to this site is not private

Username

Password

Sign in

Cancel

The authentication popup will be displayed when accessing a project in the browser.

## Edit

<input type="checkbox"/> Enable authentication			
Username	Full name	Edit	Delete
admin	Pavel Iacovlev		

Edit a users data:

- Username
- Full name
- Password
- Allowed projects - Specify which projects are allowed. By default all new projects are allowed.

### Delete

Delete the selected user from Instant Player.

# Preferences

## **Language**

Change the language. English, German and Romanian are supported.

## **URL IP address**

Internet address to use when creating the player URL. By default Instant Player will try to auto detect your LAN interface IP address and use it. Change this setting only in case a different interface IP address should be used in your use case.

## **Display projects list when accessing /projects URL**

For easy access provide a list of all available projects to the viewers.

If this option is disabled a 403 HTTP Forbidden error message will be returned when accessing the **/projects** URL.

## **After generating the streetview delete it's sources.**

After a streetview is generated it's source images in project input folder will be deleted. Make sure to have a backup of the sources!

# Support

Please update first  
Support is provided for the newest Instant Player only.  
Maybe your problem has already been solved?

Check

<http://www.applied-streetview.com/programs/instant-player>  
for a new release.

## Contact

Support is available in English.

**Helpdesk:** [support.applied-streetview.com](http://support.applied-streetview.com)  
**E-Mail:** [support@applied-streetview.com](mailto:support@applied-streetview.com)  
**Skype ID:** applied-streetview  
**Phone:** +49 6103 - 372 7494

# Consulting

We are available for hire for consulting.

Please contact:

**E-Mail:** [jan.martin@applied-streetview.com](mailto:jan.martin@applied-streetview.com)  
**Skype ID:** applied-streetview  
**Phone:** +49 6103 - 372 7494