



Hoppala & Layar User Guide

Register (free) with Hoppala & Layar

Hoppala video instructions:

<http://www.hoppala-agency.com/article/augmented-reality-content-platform/>

Stage 1

1. Login to Hoppala & Layar in separate tabs of your Internet browser.
2. In Hoppala click 'add overlay' in the bottom right hand corner of the window.
3. Select and copy the overlay URL.

The screenshot shows the Hoppala Augmentation website. At the top left is the 'HOPPALA Augmentation' logo. At the top right are links: 'Change Password', 'Upgrade', 'Help', 'Contact', and 'Logout'. Below the header is a table with three columns: 'Title', 'Name', and 'Overlay URL'. The table contains three rows of data. At the bottom right of the table is a yellow button labeled 'Add overlay'. At the bottom left is a 'Donate' button with a text note: 'Donations of any convenient size help cover my personal costs in keeping this site going.'

Title	Name	Overlay URL
Cold Case 1866	coldcase1866	http://augmentation.hoppala.eu/overlay/093a8c61b52a1993e43ba9a8fcfe18b/
Ashburton 1906	ilntest	http://augmentation.hoppala.eu/overlay/f290ad518b3d1757d010e668055965ee/
ILN Master Class	ilnmasterclass1	http://augmentation.hoppala.eu/overlay/5c87b6c5bf8965ce0e8744ac12759edc/

(fig.1)

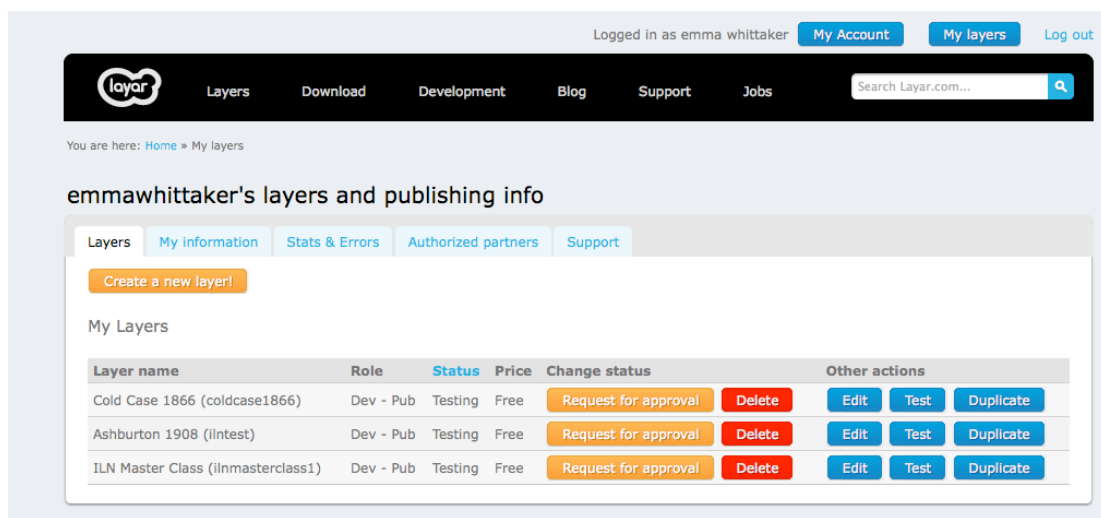
Stage 2

1. Switch to your Layar tab in your internet browser
2. Click on 'My layars' – blue button, top right of the window. Layars dialogue box appears.



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(fig.2)

3. Click on 'Create a new layer!' – orange button, middle left-hand side.
4. Type in the title of your Layar and your name or name you wish to attribute to the Layar.

The screenshot shows the "Create a Layer" form. It has a title bar "Create a Layer" with a close button. The form contains the following fields:

- Layer name:
- Title:
- Publisher name:
- Layer type:
- API endpoint URL:
- Short description:

At the bottom, there are two buttons: "Create layer" (orange) and "Cancel" (red).

(fig.3)







5. Make a note of the name or copy it.

Stage 3

1. Switch to your Hoppala tab in your internet browser
2. Click on the pencil symbol next to type and paste your Layar name over untitled.
3. Type in the title of your interactive.



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Title	Name	Overlay URL	
Cold Case 1866	coldcase1866	http://augmentation.hoppala.eu/overlay/093a8c61b52a1993e43ba9a8fcfe18b/	 
Ashburton 1906	ilntest	http://augmentation.hoppala.eu/overlay/f290ad518b3d1757d010e668055965ee/	 
ILN Master Class	ilnmasterclass1	http://augmentation.hoppala.eu/overlay/5c87b6c5fb8965ce0e8744ac12759edc/	 

Stage 4

1. Switch to your Layar tab in your internet browser
2. Click on 'Listing & indexing' tab – grey button, middle left of the window. 'Listing & indexing' dialogue box appears.

Layers [My information](#) [Stats & Errors](#) [Authorized partners](#) [Support](#)

[« Back to all layers](#)

Edit your "ilnmasterclass1" layer

General

API endpoint

Listing & indexing

Look & feel


Coverage

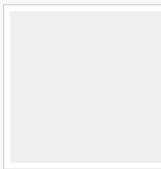
Filters

Permissions


Additional settings

Pricing


Layer Icon [Click here for an example](#) 



Icon (128×128)
[Upload](#) *required*



Icon (96×96)
[Upload](#) *optional*



Icon (64×64)
[Upload](#) *optional*

Layer Screenshot

Image (480×320) [Upload](#) *optional*

Description and details

Title

Category

(fig.4)

3. Scroll down and add the title of your Layer.
4. Scroll down and click 'Save'

N.B. If you have exited from your Layar you can access the 'Listing & indexing' tab by going to 'My Layers' blue button to right of screen and selecting the blue edit button next to your Layer name in the 'Layers' menu see fig 2.

Stage 5

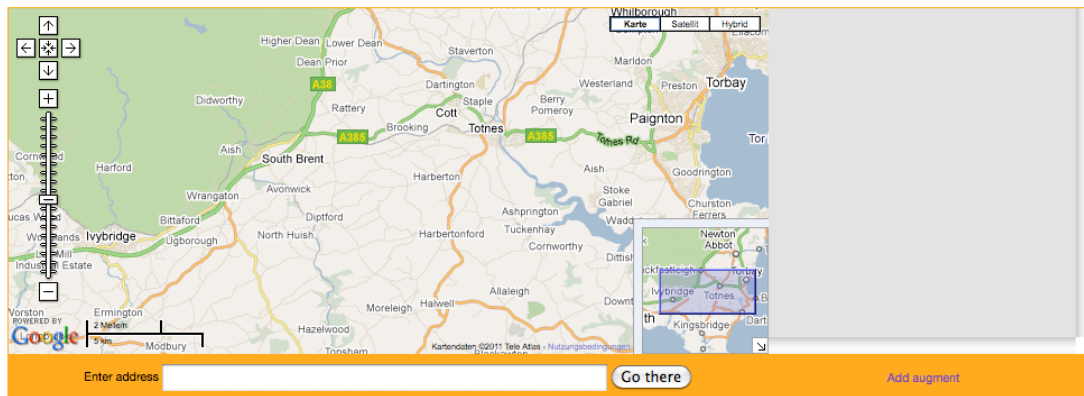
1. Switch to your Hoppala tab in your internet browser



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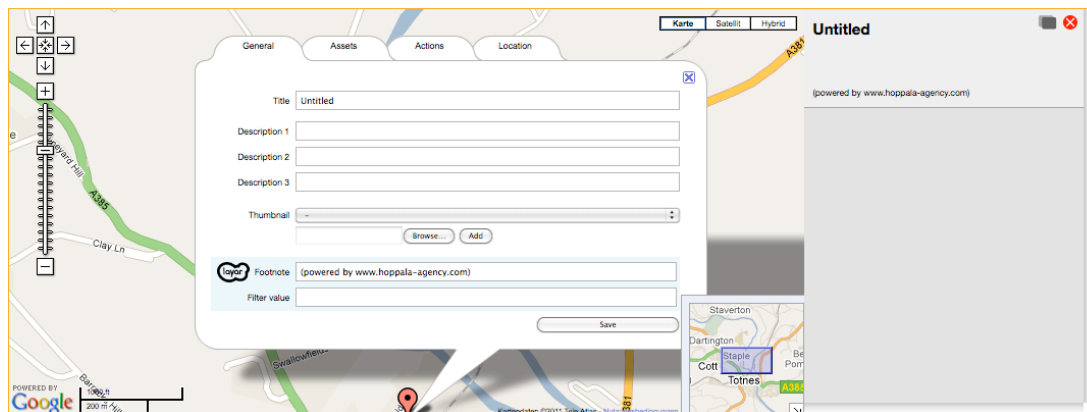
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- Click on the name. A map will appear. Click on the map and find the location of your POI (Point of Interest) by using the map zoom controls.



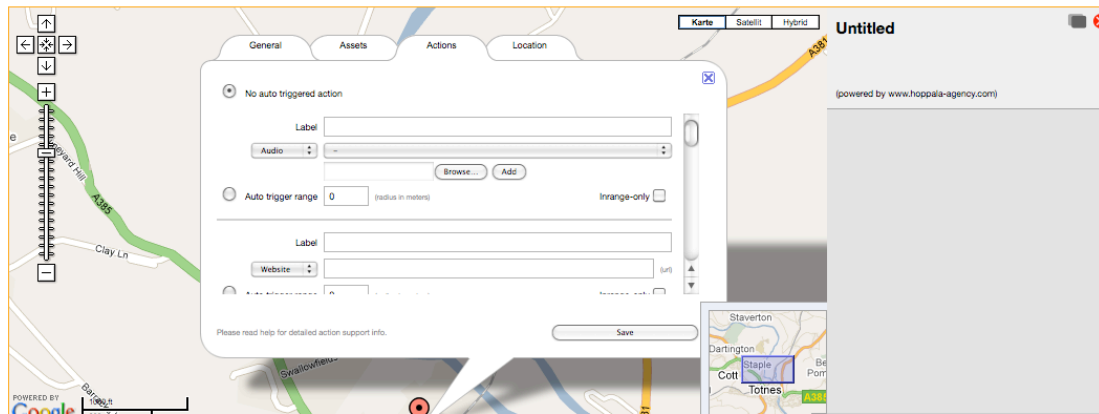
(fig.5)

- Click 'Add augment' – bottom right hand corner. Click on 'untitled', dialogue box named untitled will appear.
- Click on 'Untitled'. A dialogue box will appear with four tabs: 'General', 'Assets', 'Action', 'Location' (sometimes the dialogue box appears to be hidden, you can drag the map to make the dialogue box appear).



(fig.6)

- Add title of the 'POI' (or node) in 'General'
- Upload a thumbnail picture as a JPEG or PNG file 100 x 100 pixels using Browse then Add.
- Click on 'Actions' to add sound and images triggered by the GPS position of the participant.
- Click 'no auto trigger action' to ensure that the participant does not get confused by multiple POI triggering.
- Add title of the POI (or node)
- Select 'Audio' from the list to the left of the box.

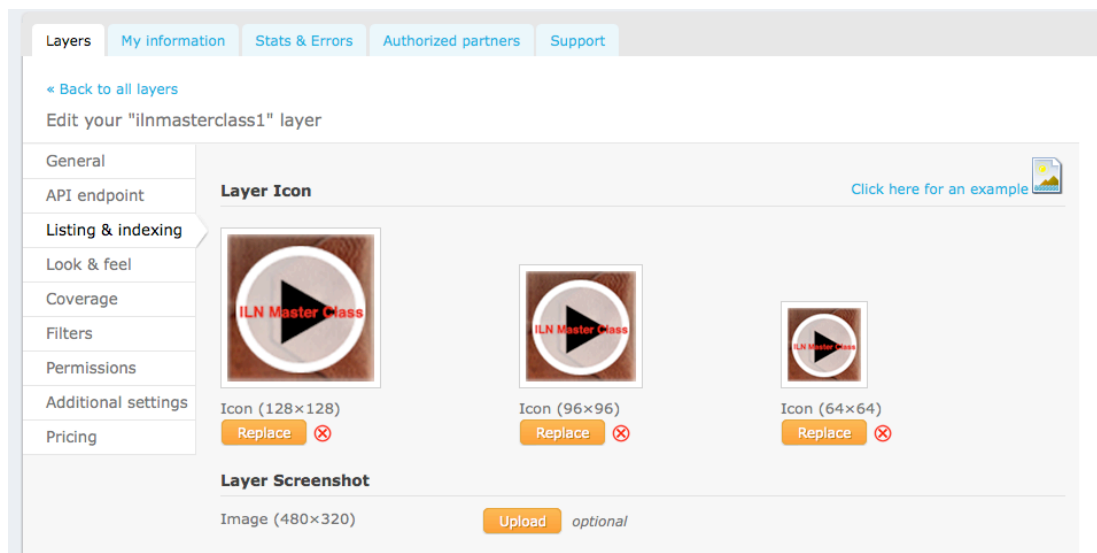


(fig.7)

N.B. You can click on the location tan and add your own GPS coordinates if you have previously collected these, otherwise these are determined by your chosen position of the red marker on the map.

Stage 6.

1. Switch to your Layar tab in your internet browser
2. Click on the 'Listing & indexing' tab – grey button, middle left of the window. 'Listing & indexing' dialogue box appears.
3. Upload an icon from the folder on the desktop by clicking on the orange upload button (this is a prepared image made in Photoshop/Illustrator etc and saved as a png or jpeg file 128 x 128 pixels).

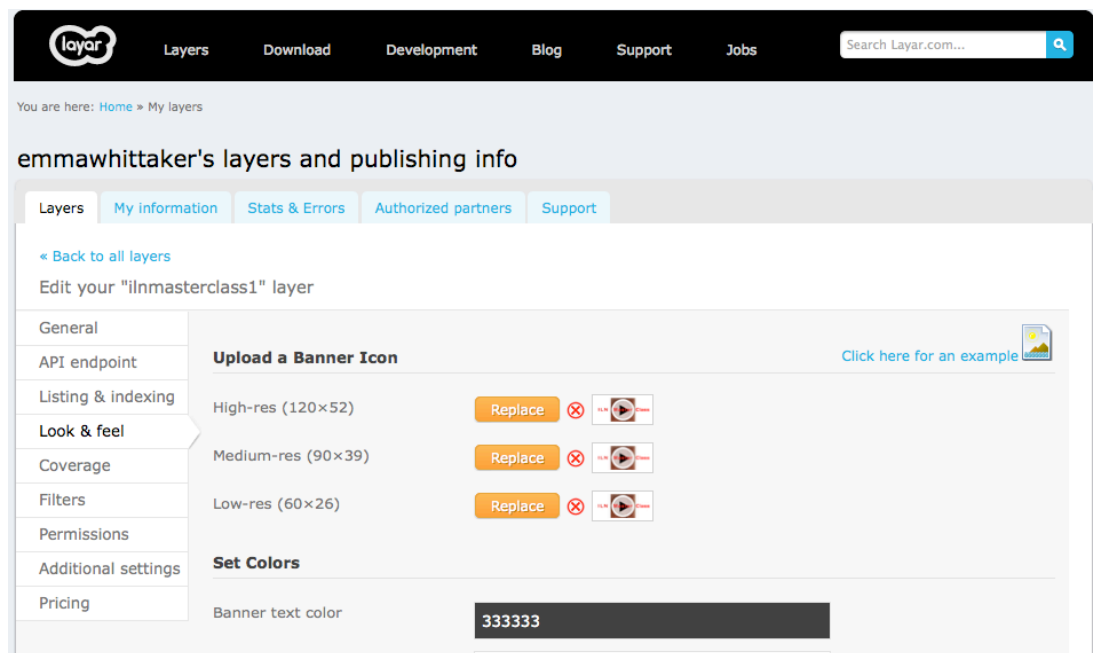


(fig.8)

4. Add description and details info in the boxes provided.
5. Click on the 'Look & feel' tab.
6. Upload a banner image (this is a prepared image made in Photoshop/Illustrator etc and saved as a png or jpeg file 120 x 52 pixels).

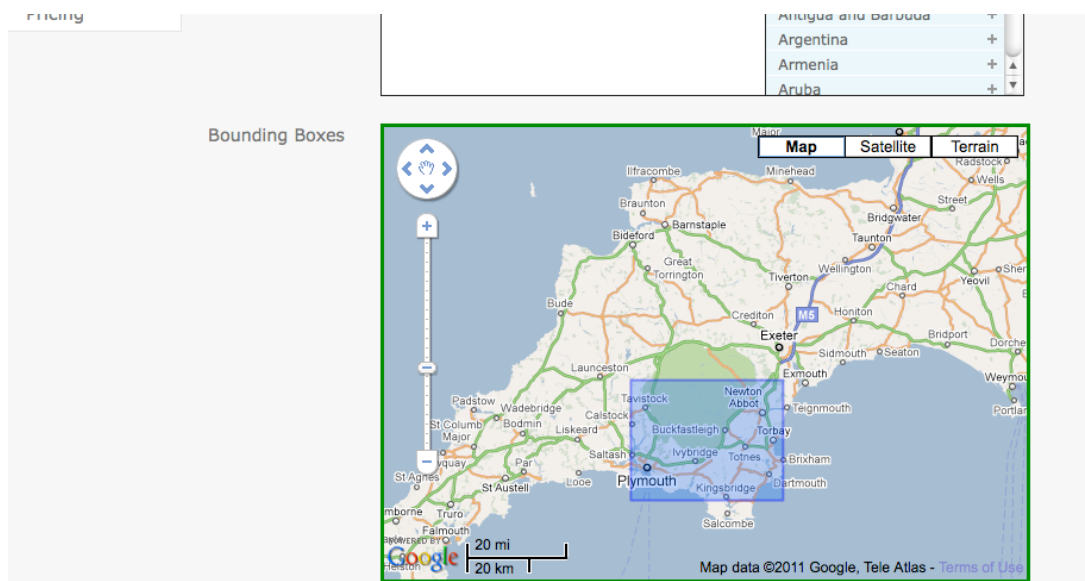


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(fig.9)

7. Click on the 'Coverage' tab.
8. Select location and place on the map (further details are available if you hover the mouse over the dialogue box).



(fig.10)

Stage 7

1. Click on 'My Layers' Blue button at the top right hand corner of the window. (see fig. 2)
2. Click on the blue 'Test' button in line with your Layar title.



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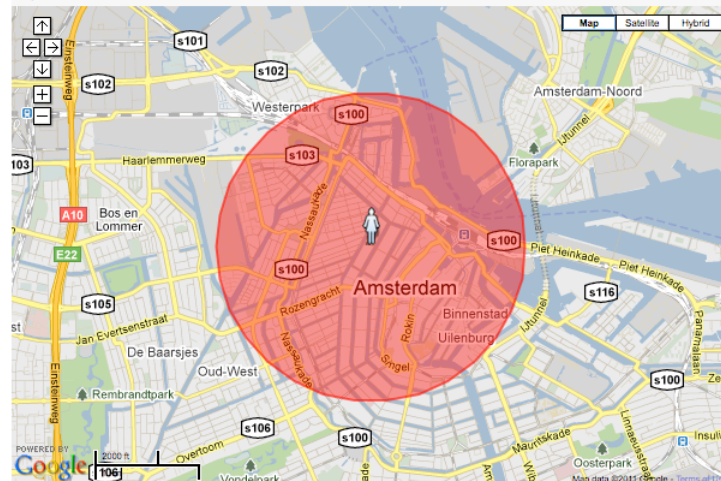
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Test your layer

Layer name

Before requesting publication, please test your layer against layer testing instructions at <http://layer.pbworks.com/Layer-testing-instructions>

Layer: ilnmasterclass1



Filter Settings:

Api version:
4.0

Range slider: Search range
(Current Value: 1500)
100 m 5000 m

Accuracy:
100

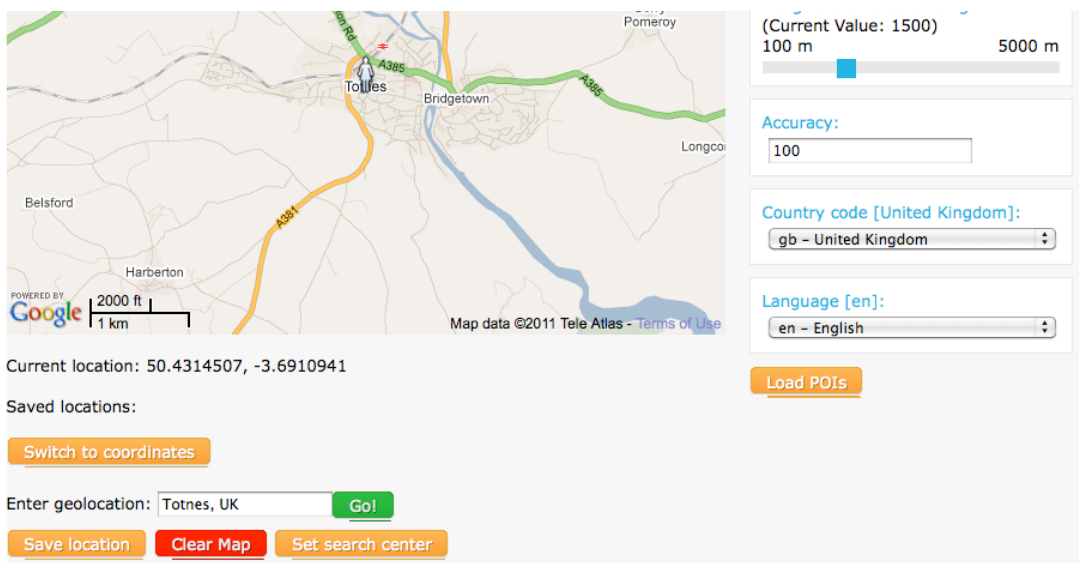
Country code [United Kingdom]:
gb - United Kingdom

Language [en]:
en - English

Current location:

(fig.11)

3. Find the general geographic location of your Layar on the map by using the navigation arrows in the top left hand corner of the map or drag and double-click to zoom in. Zoom out first to find the UK and then the relevant town or area. You can also search for the location by entering the name, followed by a comma and the country, e.g. Totnes, UK
4. When you have found the location, click the orange button 'Save location'.



(Current Value: 1500)
100 m 5000 m

Accuracy:
100

Country code [United Kingdom]:
gb - United Kingdom

Language [en]:
en - English

Current location: 50.4314507, -3.6910941

Saved locations:

Enter geolocation: Totnes, UK

(fig.12)

5. Click orange button 'Load POIs'. This will load the 'augments' you have set up in Hoppala.

Stage 8



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1. Check that your Layaar is working by opening your pre-installed Layaar App on an iPhone or Android phone.
2. Select search option, grey button located at the bottom of the screen.
3. Type in the name of your Layaar. You can then test to see if the Layaars are working.

Information:

Assets: 2D or 3D images or models or animations

Actions: Media that are triggered by the participant's GPS position.

Images: 100 x 100 pixels Hoppala supports .jpg & .png images and a file size that is less than 100KB

Sounds: audio bit rate of 96kbit

Video: Hoppala recommends lower bandwidth videos and testing to check playback quality.



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