Pic4Review: street-level pictures for fun thematic mapping

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Ground surveying in cities?
What about pictures?

Geolocated

Detailed
Sources

OpenStreetCam

flickr

WIKIMEDIA COMMONS

Millions of pictures available worldwide!
How to make the best of these pictures, the efficient way?
About

Entrepreneur in geomatics and software development

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https://pavie.info/
State of the art

Improve feature details using pictures?
Updating ?
Methods

Automated detection

Manual input
Manual input

Individual

Collective
Collective manual input

Pic4Carto

http://projets.pavie.info/pic4carto
Pic4Carto

highway=give_way
man_made=street_cabinet
building:material=stone
highway=cycleway
maxspeed=30
maxheight=4
public_transport=platform

Mapillary - 03/05/2017
By I bouare, under "CC BY-SA 4.0" license (Details)

Introduction       State of the art       Pic4Review       What's next
Limits
How to gain community interest?
Pic4Review

https://pic4review.pavie.info/
Benefits

- Clear mission
- Fun contribution
- Community freedom
Perspectives
More features

- New data sources
- AI object detections
More developers

- Open source project
- Lot of tasks to contribute on
Professionnal version

• Improve internal databases

• Prizes for best contributors

Looking for partners!
Pic4Review opens a new path for easier data improvements using pictures
« It's not that we need new ideas, but we need to stop having old ideas. »

Edwin H. Land
Scientist, co-founder of Polaroid
Thanks for your attention!

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