


Realm, the cool new
kid in Xamarin town

photo: Florian Krause





A woman with long brown hair is shown in profile, looking down at a smartphone she is holding in her hands. She is standing on a rooftop or balcony, with a cityscape and a body of water visible in the background under a warm, golden sunset sky. A wooden bench and a metal railing are also visible on the rooftop.

Realm
Mobile
Platform

Realm
Mobile
DB

The background is a blurred photograph of an interior space. On the right, a staircase with wooden steps and a metal railing leads upwards. The wall to the right of the stairs is covered in a vibrant, multi-colored mural featuring abstract patterns and shapes in shades of blue, green, yellow, and red. To the left of the stairs, there are windows with wooden frames, through which some greenery is visible. The overall lighting is soft, and the image has a dreamy, artistic quality due to the blur.

Cross platform
local data storage

SQLite





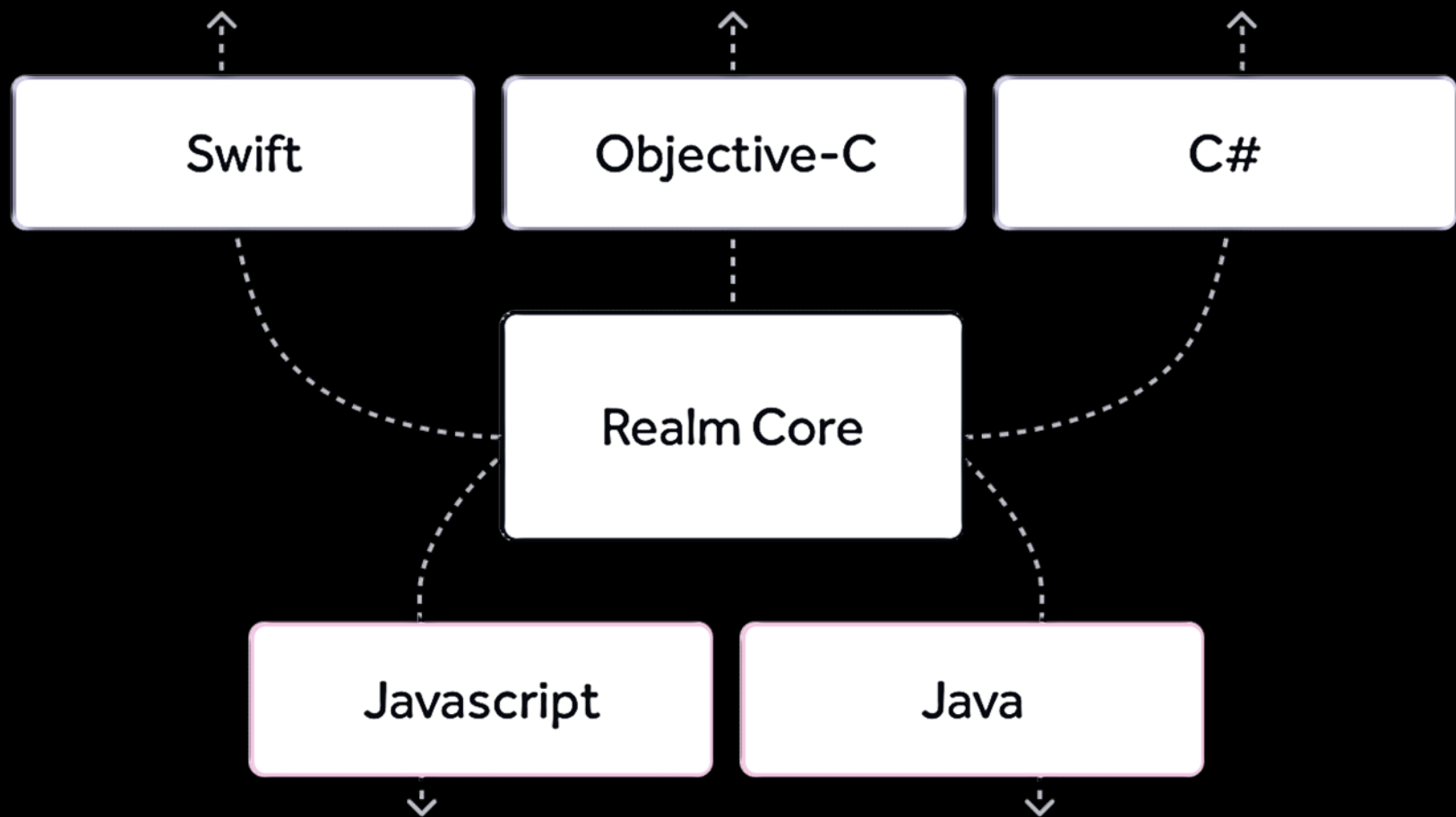
Realm is
different

photo: wallpaintss.blogspot.be



C++
you say?

photo: toerismelimburg.be



Simple

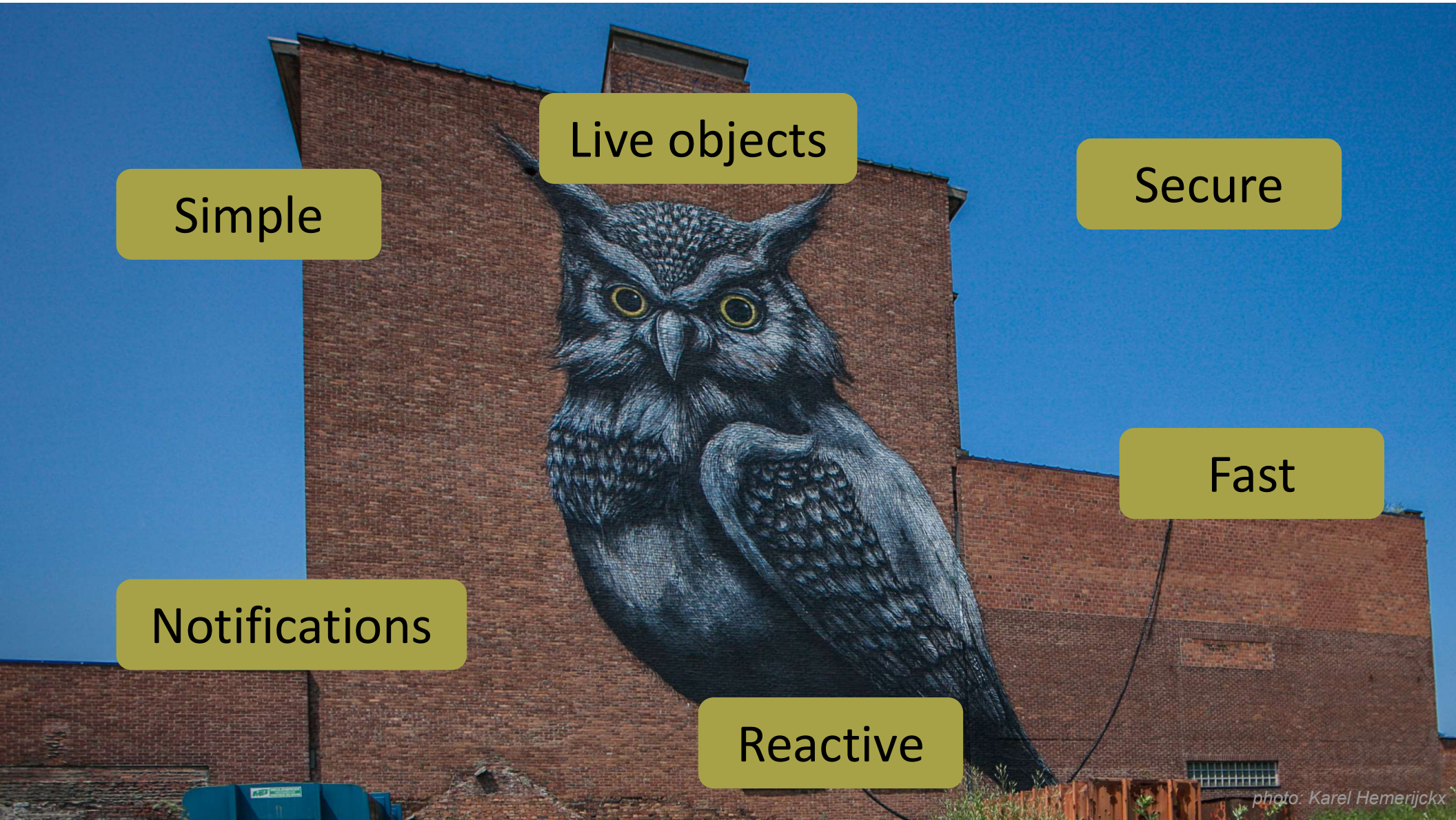
Live objects

Secure

Fast

Notifications

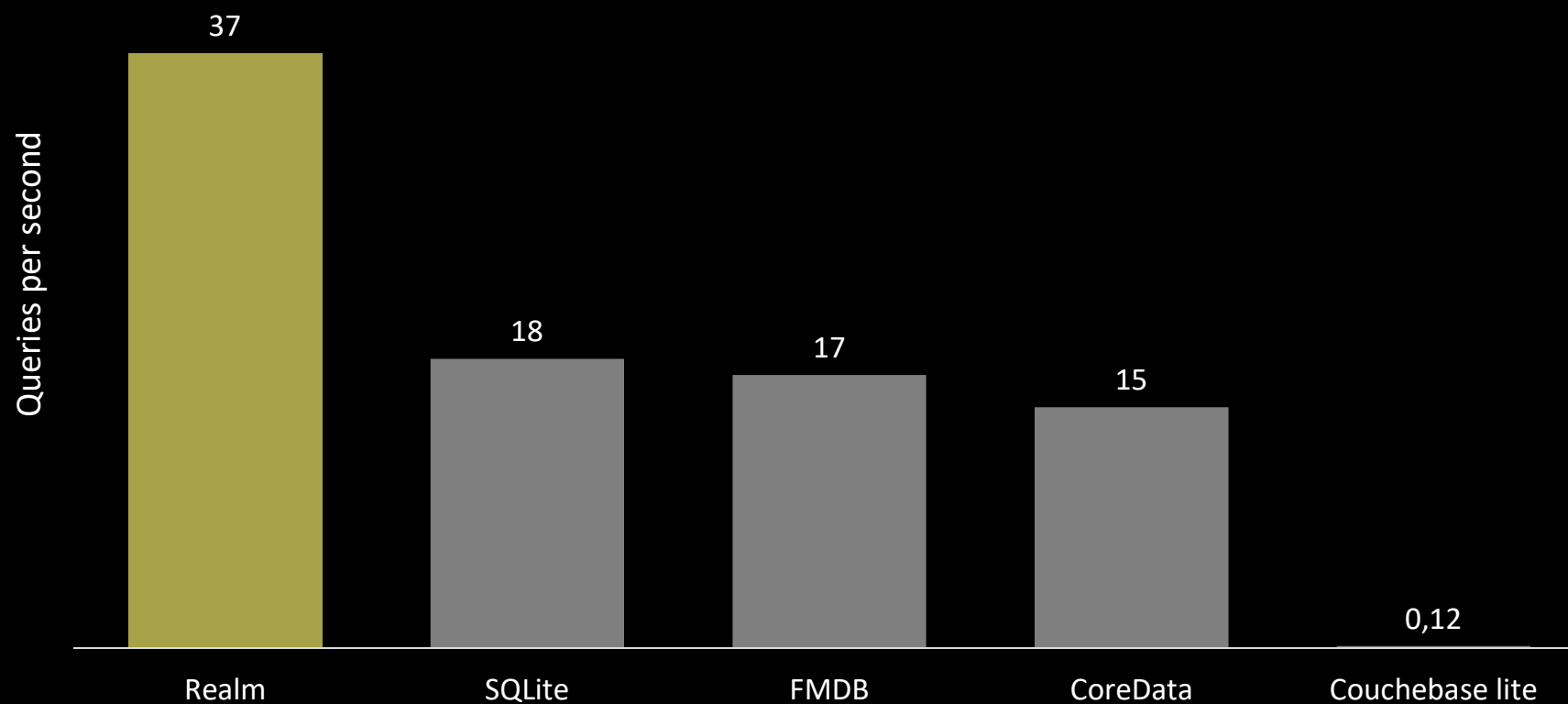
Reactive



Fast

Queries


Iterate over all records matching a query (higher is better)



Source: Realm



Realm Mobile DB Demo

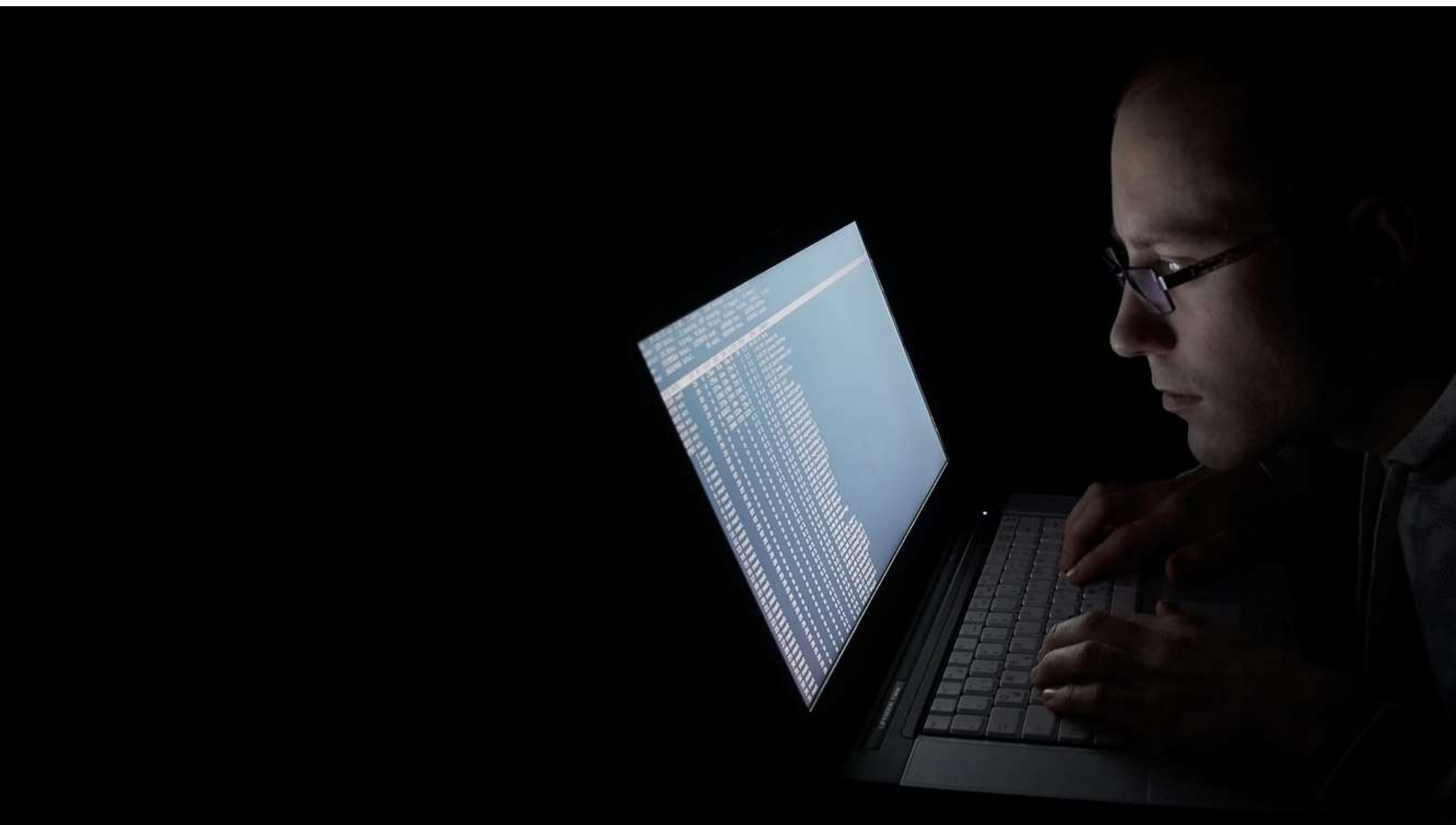
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Realm
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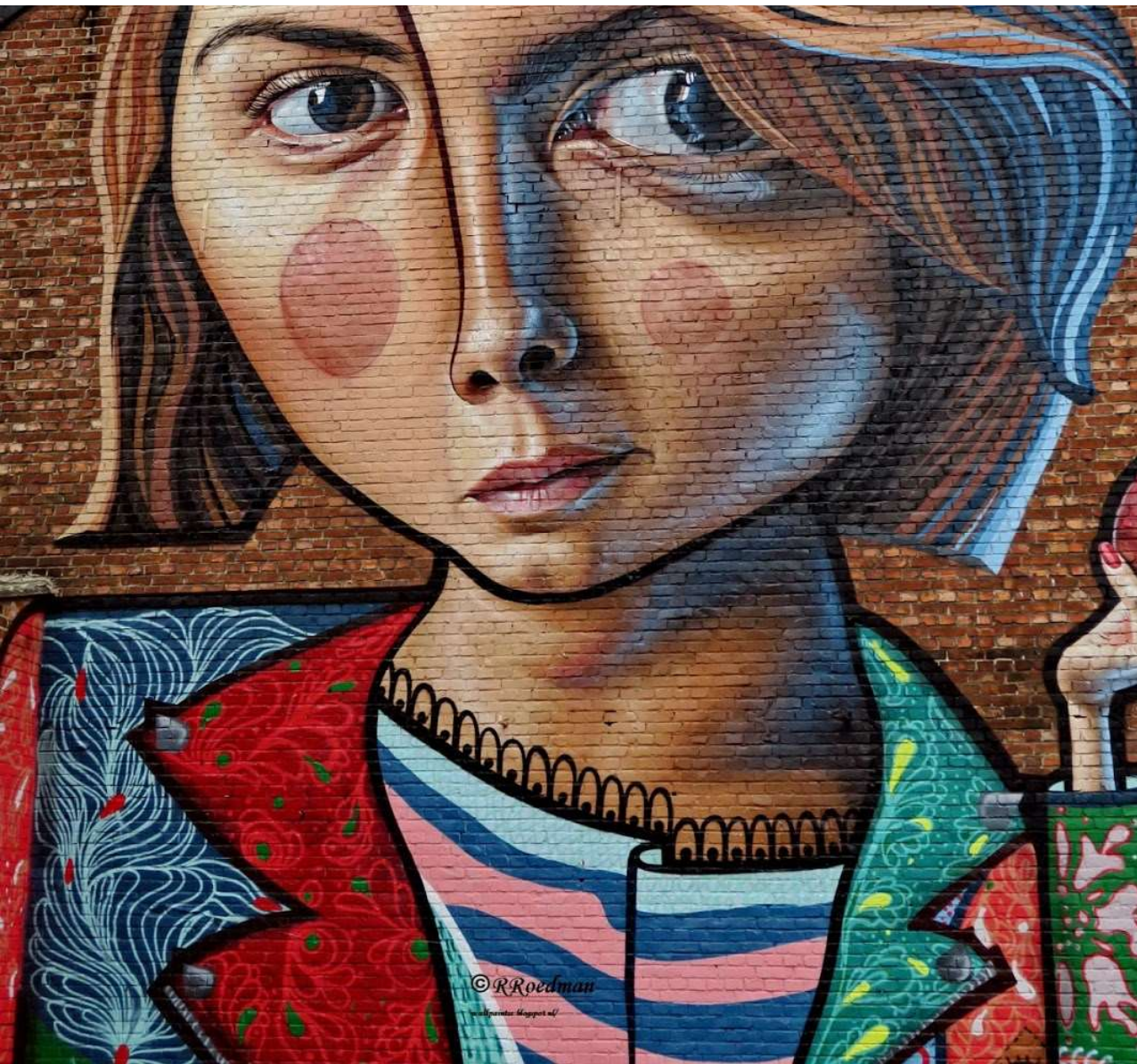
Realm
Mobile
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photo: focusophasselt.wordpress.com

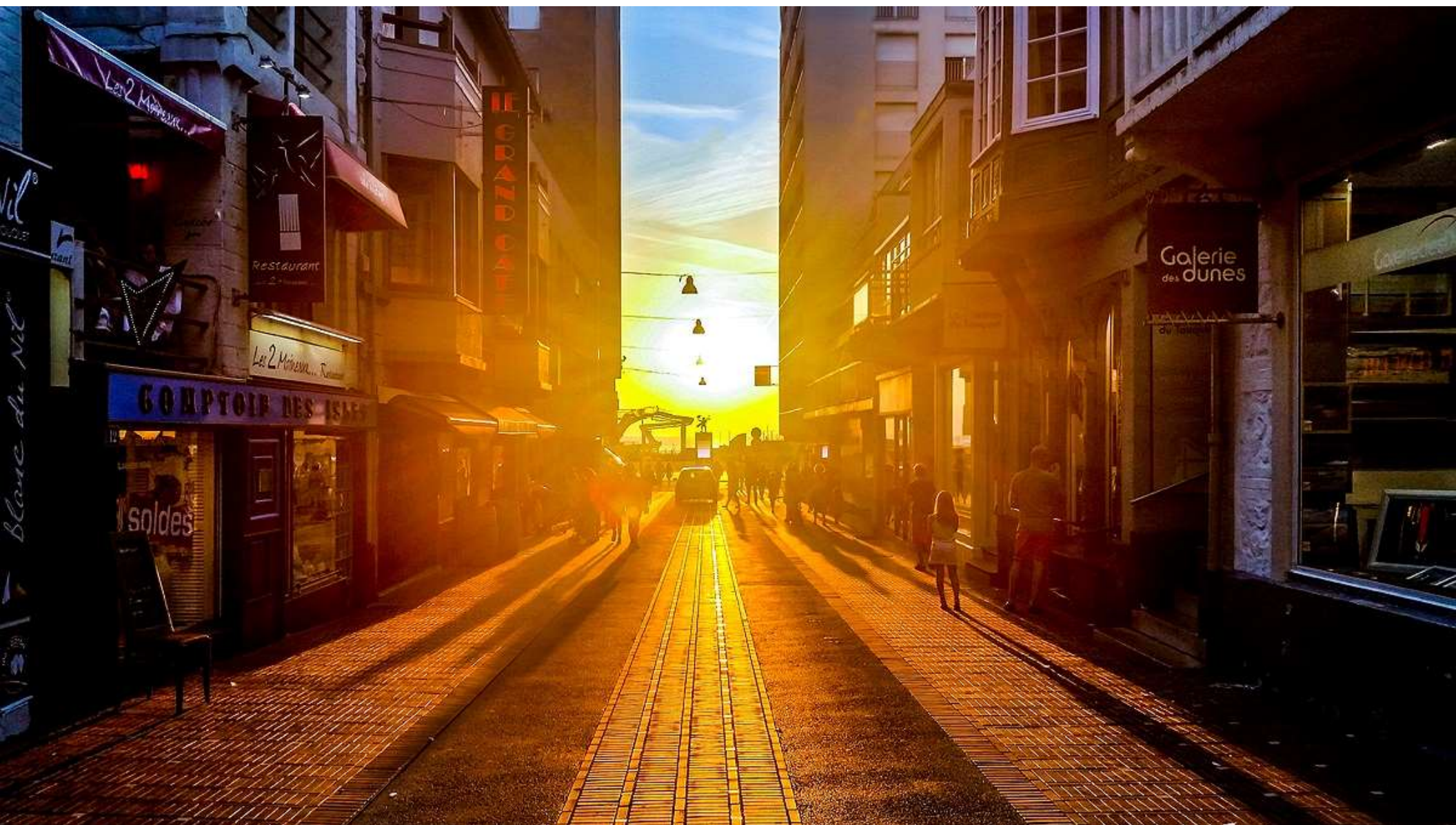


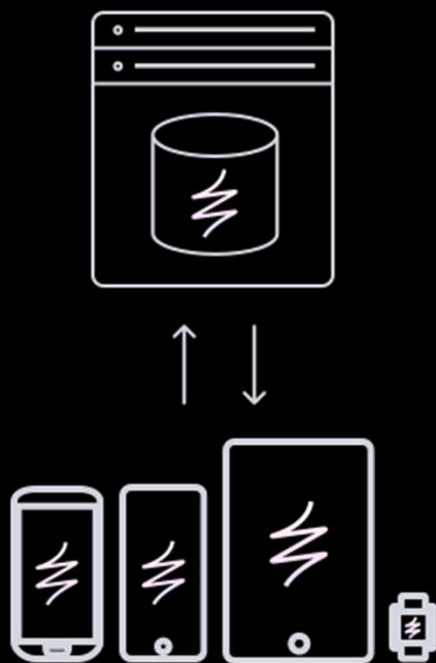




Realm is
different

photo: wallpaintss.blogspot.be







Live objects

Secure

Simple

Offline-first

Connected

Fast

Functions

Real-time

Notifications

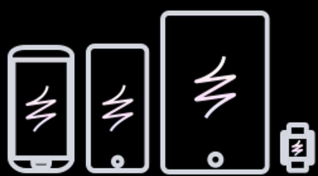
Reactive

photo: Karel Hemerijckx

Functions?



photo: hiveminer.com



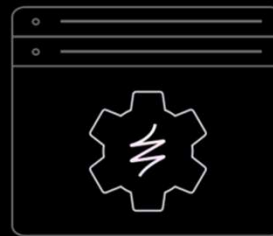
Your mobile app

1 Task created

"Go shopping at 5:30PM"

{ "Go shopping",
05-02-2017, 17:30 }

4 Task updated via sync



Realm Functions
on the Realm Object Server

2 Send data to external API


"Go shopping at 5:30PM"

05-02-2017, 17:30

3 API returns new data

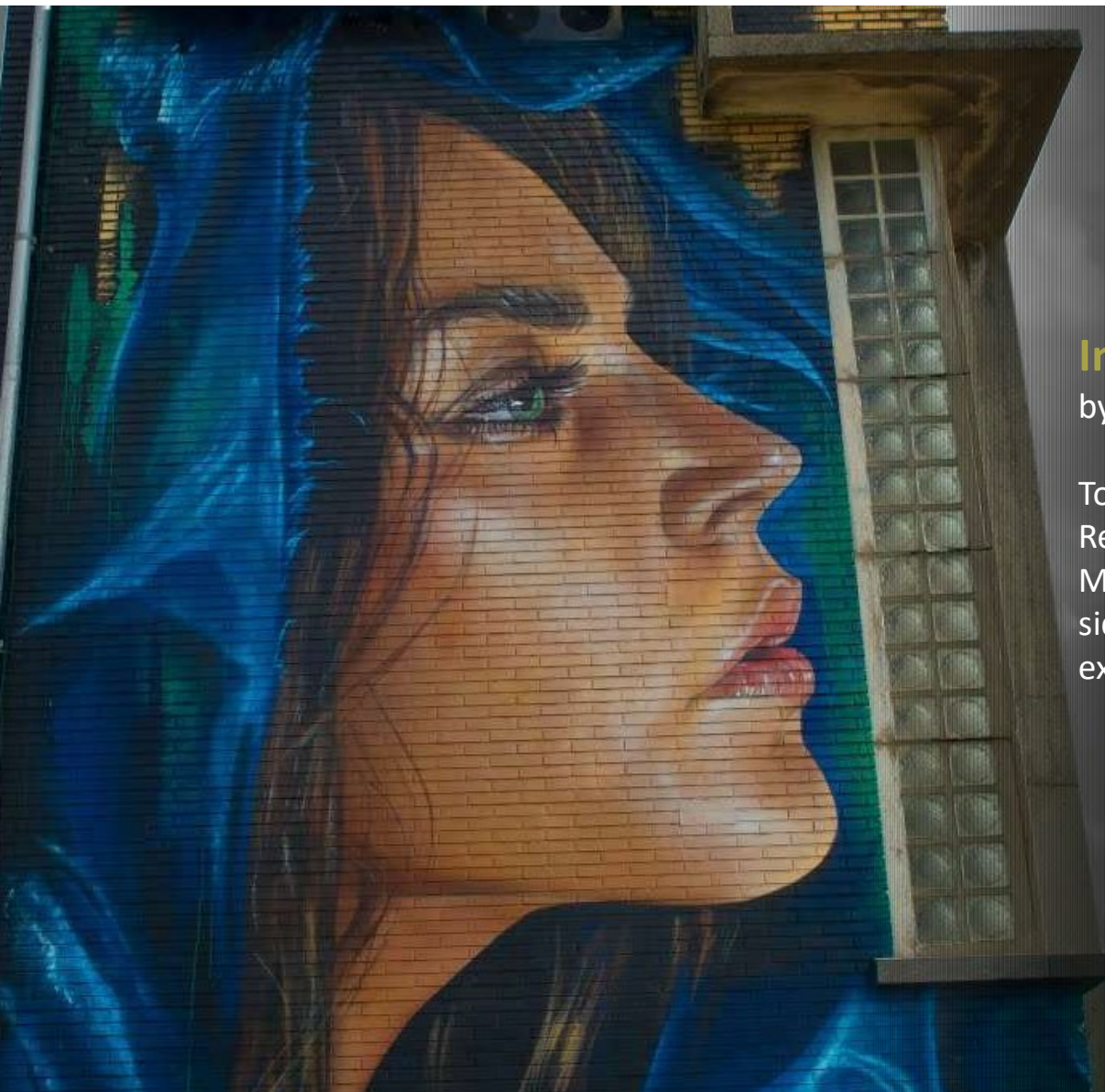


Natural
language
processing
API

A photograph of a street at night. On the right, a building has a large mural of a man's face with a wide-eyed, open-mouthed expression. The mural is painted in shades of blue and white. Above the mural, a balcony with a metal railing is visible. To the left of the mural, the building's facade is light-colored with several windows. A string of colorful triangular flags hangs across the street. A bright light source, possibly a street lamp, is visible in the upper left, creating a starburst effect. A car's headlights are visible in the lower left, creating a bright white streak. The sky is a deep blue.

Node.js
you say?

photo: toerismelimburg.be



Introducing .NET Core Support for Realm

by Realm Team / Aug 15 2017

Today we're pleased to introduce **.NET Core** support on Realm. Developers can now build apps with Realm Mobile Platform using **C#** on **both** the **client** and **server** side for a complete end-to-end C# developer experience with Realm.

photo: Henri Van Ham



Realm Mobile Platform Demo

A surreal scene featuring a street lamp with a black pole and a yellow light. A cone of light from the lamp illuminates a section of a sidewalk. Inside this illuminated area, there is a small red armchair, a grey rabbit sitting on the chair, and a person wearing a yellow shirt and dark pants lying face down on the ground. The background is a wall made of large, rough-hewn stone blocks. The text "Think outside the BOX" is overlaid on the scene, with "BOX" in a larger, bold, yellow font.

Think outside
the **BOX**

photo: focusphasseltextaatjes.wordpress.com



Thinking
outside the box
Demo

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Mobile DB

Simple

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Real-time

Offline-first

Functions

More info...

<https://realm.io>

<https://academy.realm.io/>

<https://github.com/realm/>

<http://blog.pieeatingninjas.be/category/realm/> 😊

Thank you!

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Realm MVP

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