

# From Auth to OAuth 2.0

Simpler than it seems



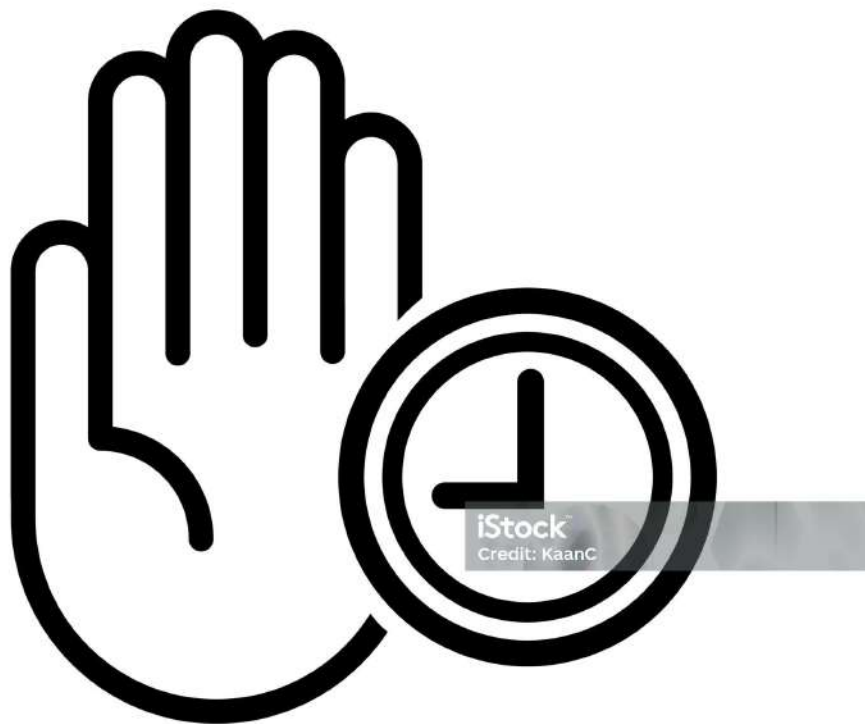
# Hello!

## Who Am I?

- Diana Ungaro Arnos (@dianaarnos)
- Software Engineer (13 years - I'm old)
- Open Source enthusiast
- Music enthusiast
- Ving Tsun student and martial arts admirer

## My Objectives

- Make programming more accessible
- Make people realize programming concepts that seem hard are just abstractions from our day-to-day lives
- Make you understand the building blocks of OAuth2 and be ready to dive deeper



# mollie





a.k.a. Open Authentication

RESOURCE OWNER

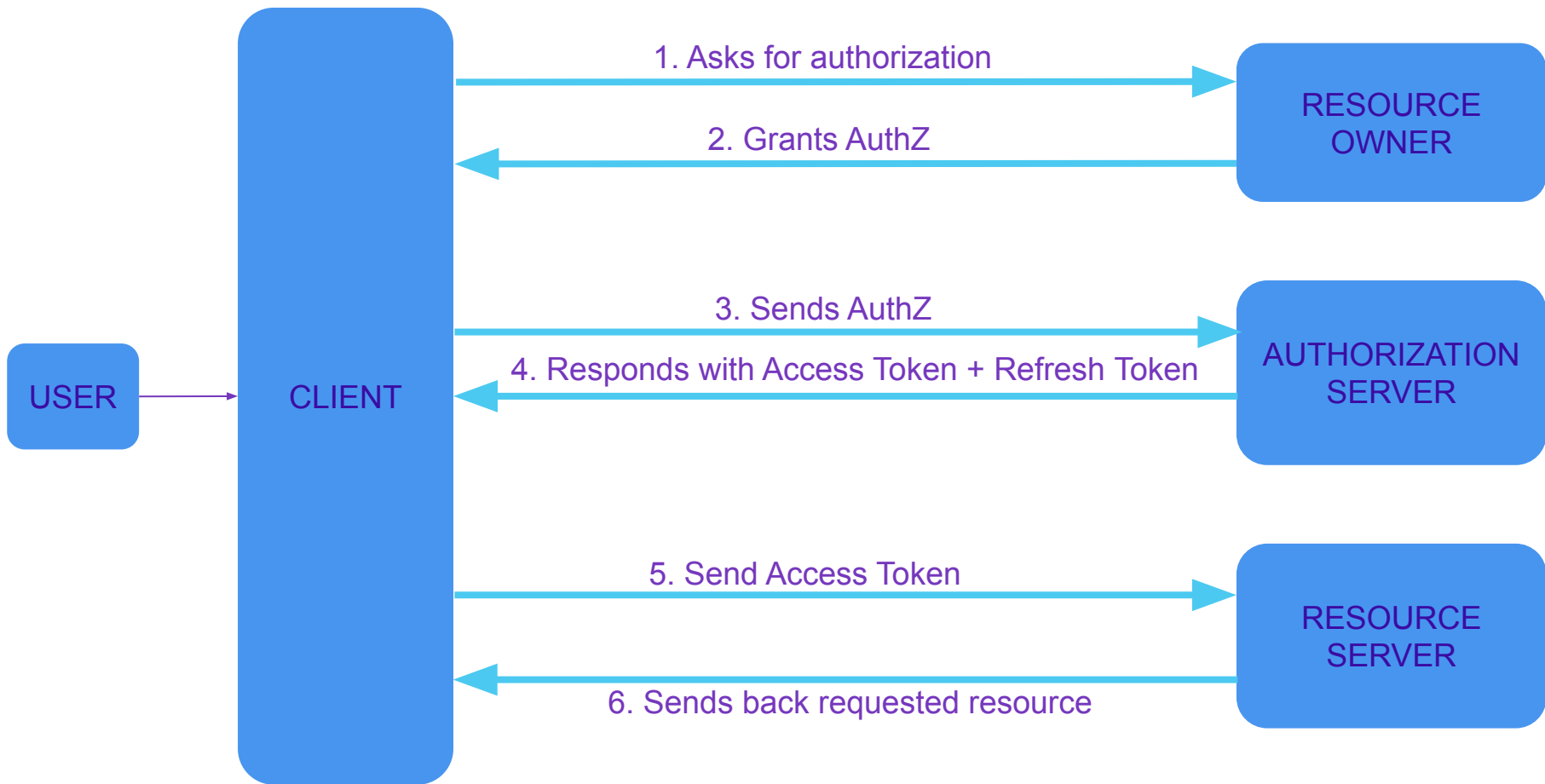
AUTHORIZATION SERVER

AUTHORIZATION CODE GRANT

ACCESS TOKEN

RESOURCE SERVER

AUTHORIZATION FLOW





1355037951







iStock™  
Credit: zhudifeng

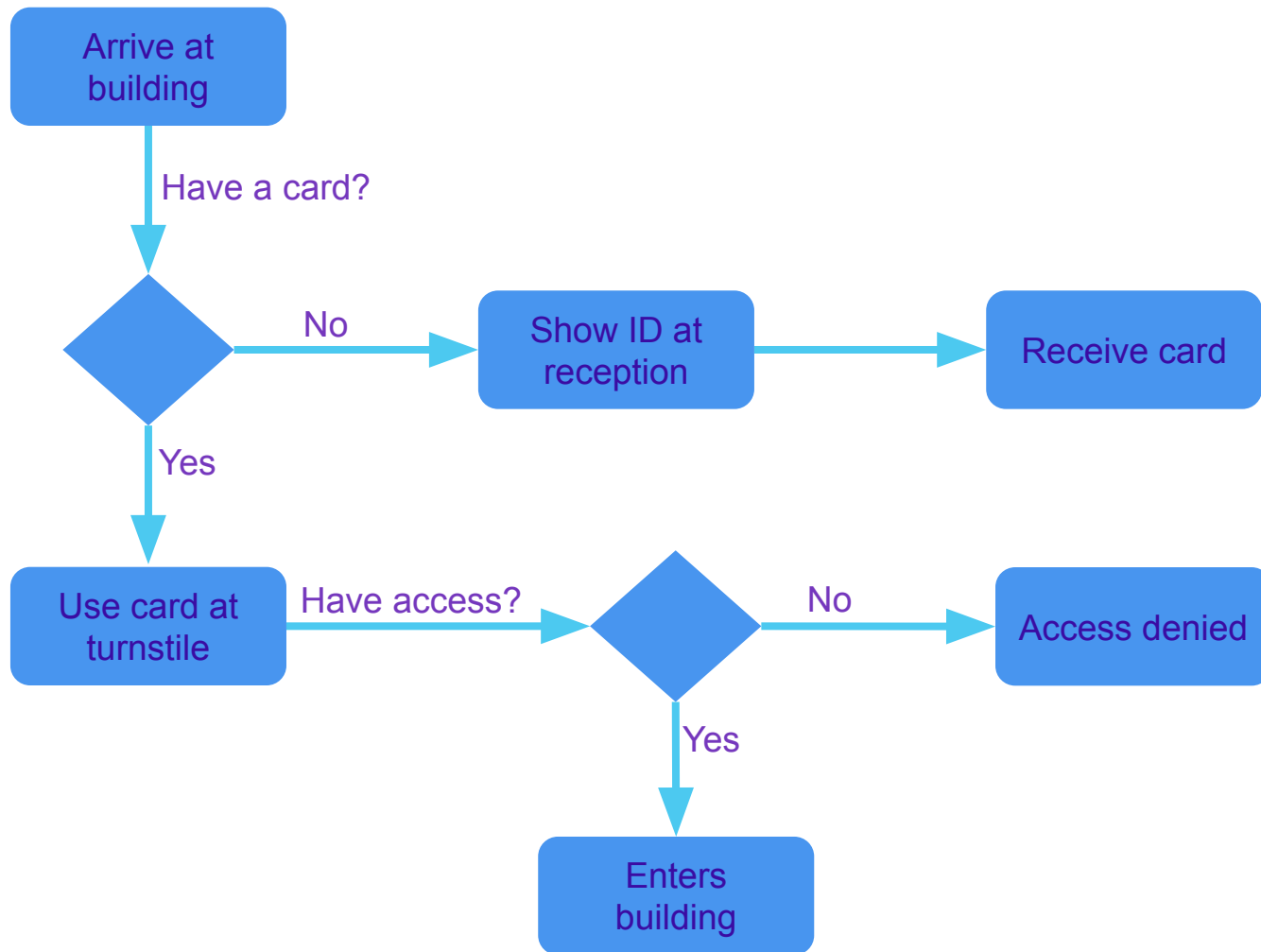
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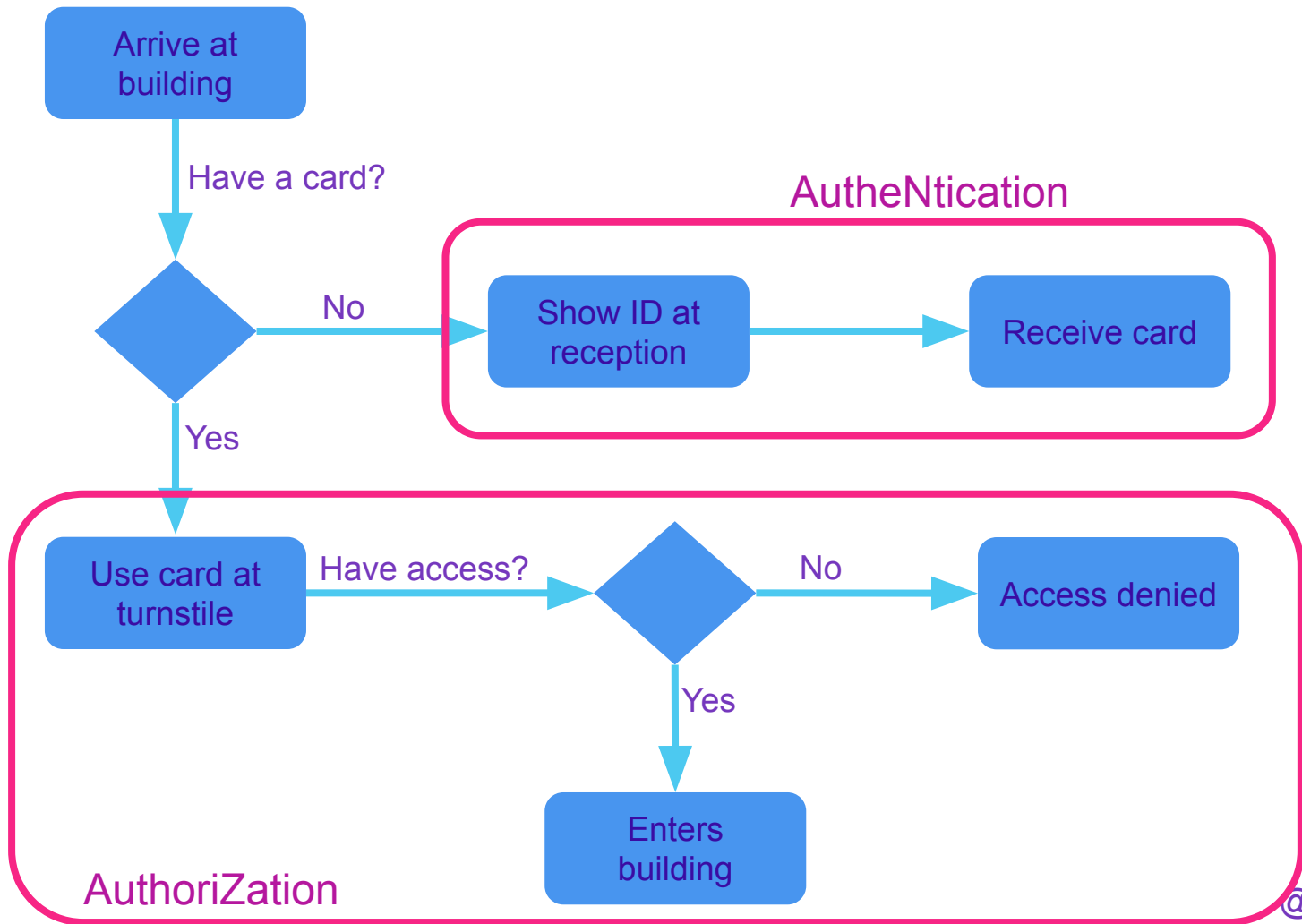




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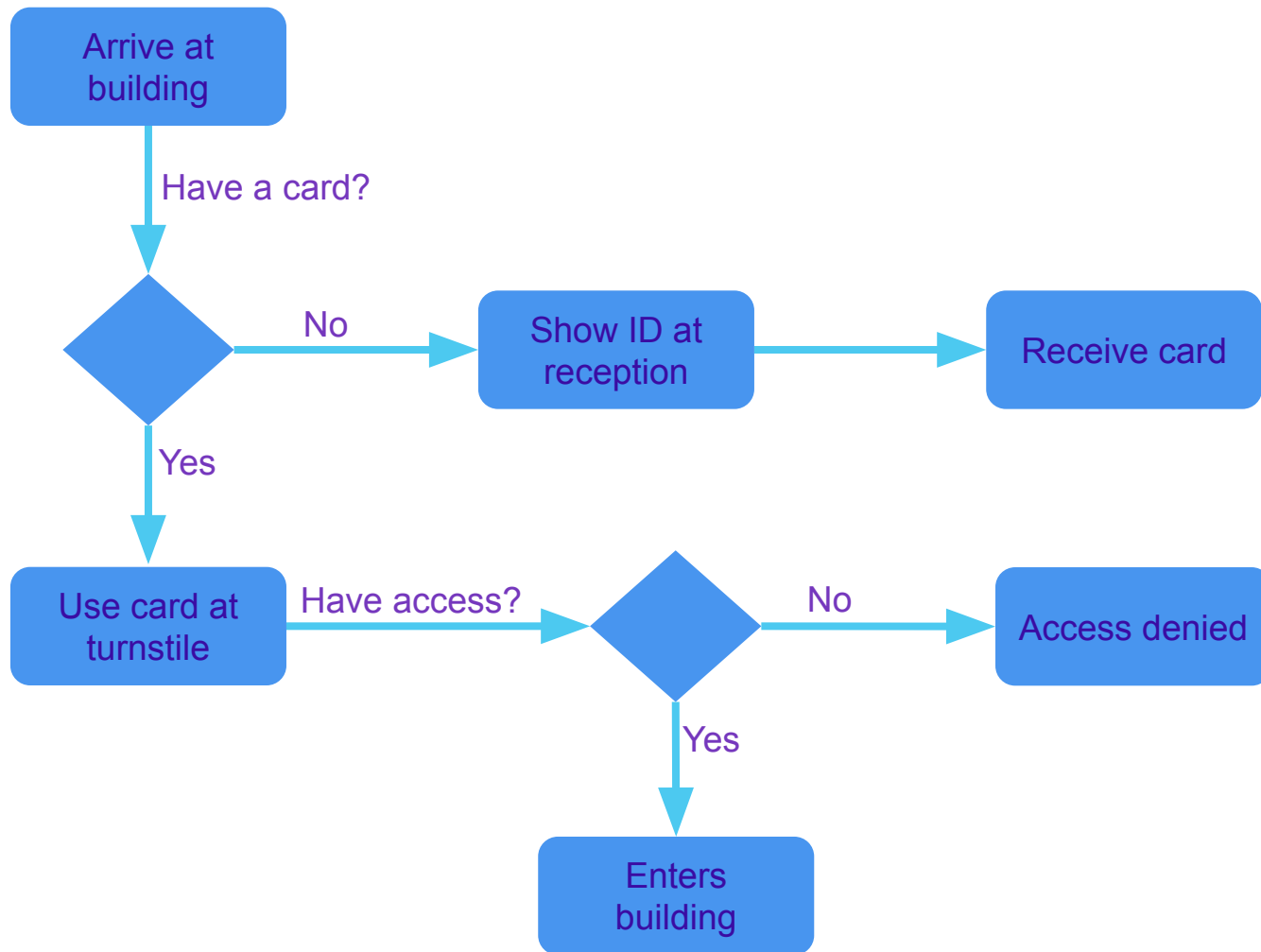


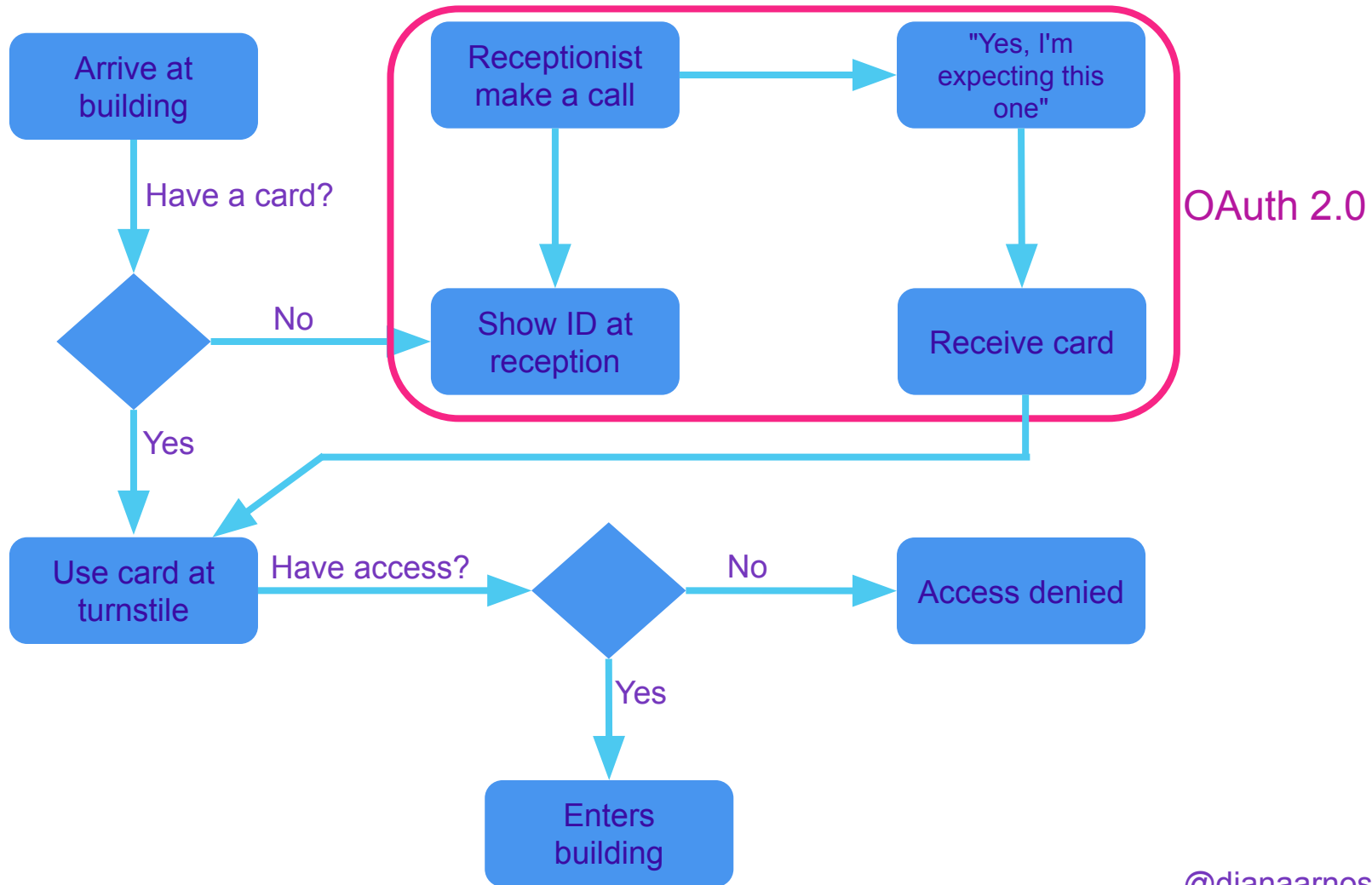






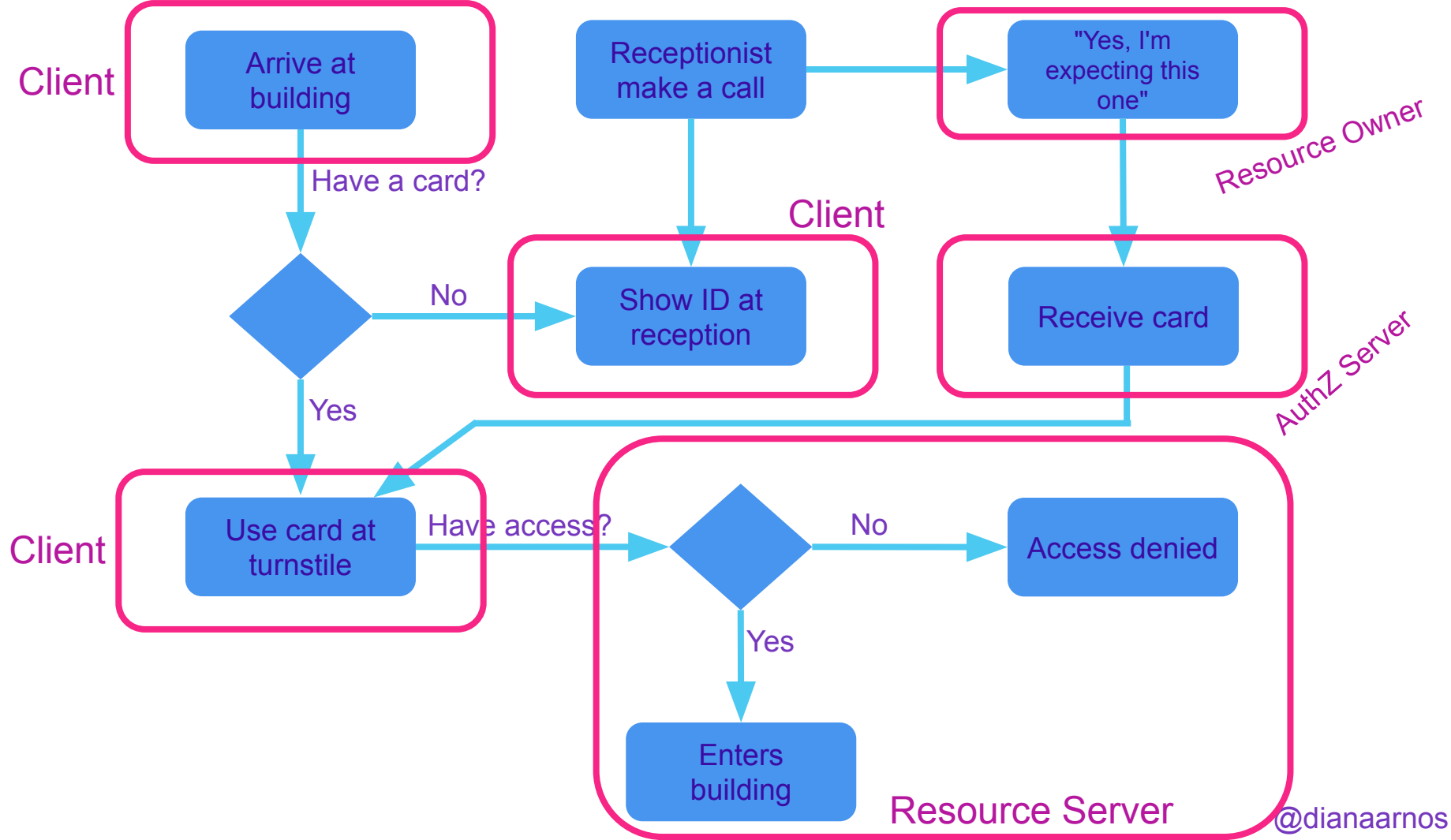
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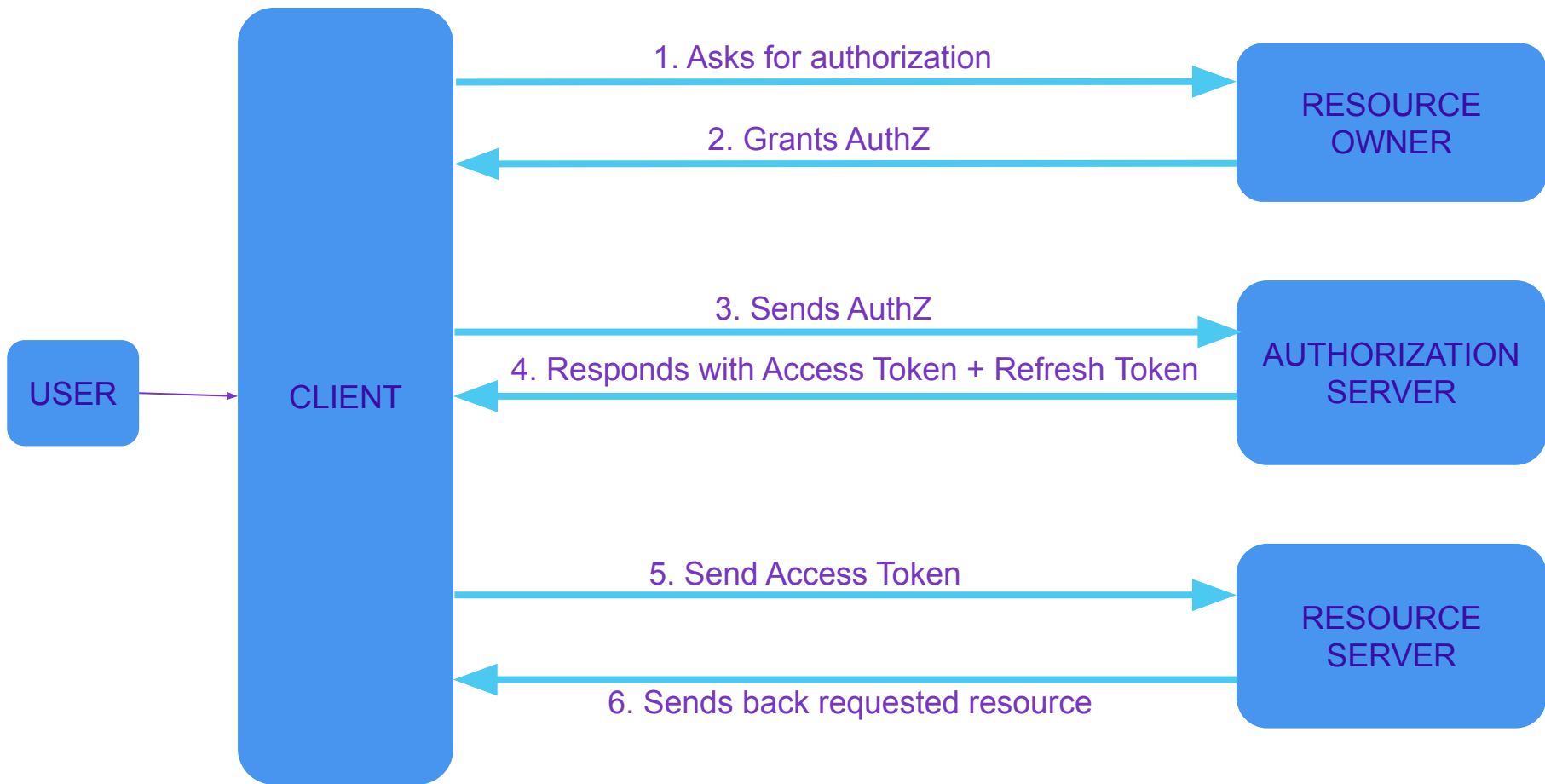




Back to...













# More names...

- Scopes
- Grants
- Flows
  - Authorization Code
  - PKCE
  - Implicit
  - Device Code
  - OpenID Connect



➡ <https://www.oauth.com/playground/>

# OAuth 2.0 Playground

The OAuth 2.0 Playground will help you understand the OAuth authorization flows and show each step of the process of obtaining an access token.

These examples walk you through the various OAuth flows by interacting with a simulated OAuth 2.0 authorization server.

Choose an OAuth flow

To begin, [register a client and a user](#) (don't worry, we'll make it quick)

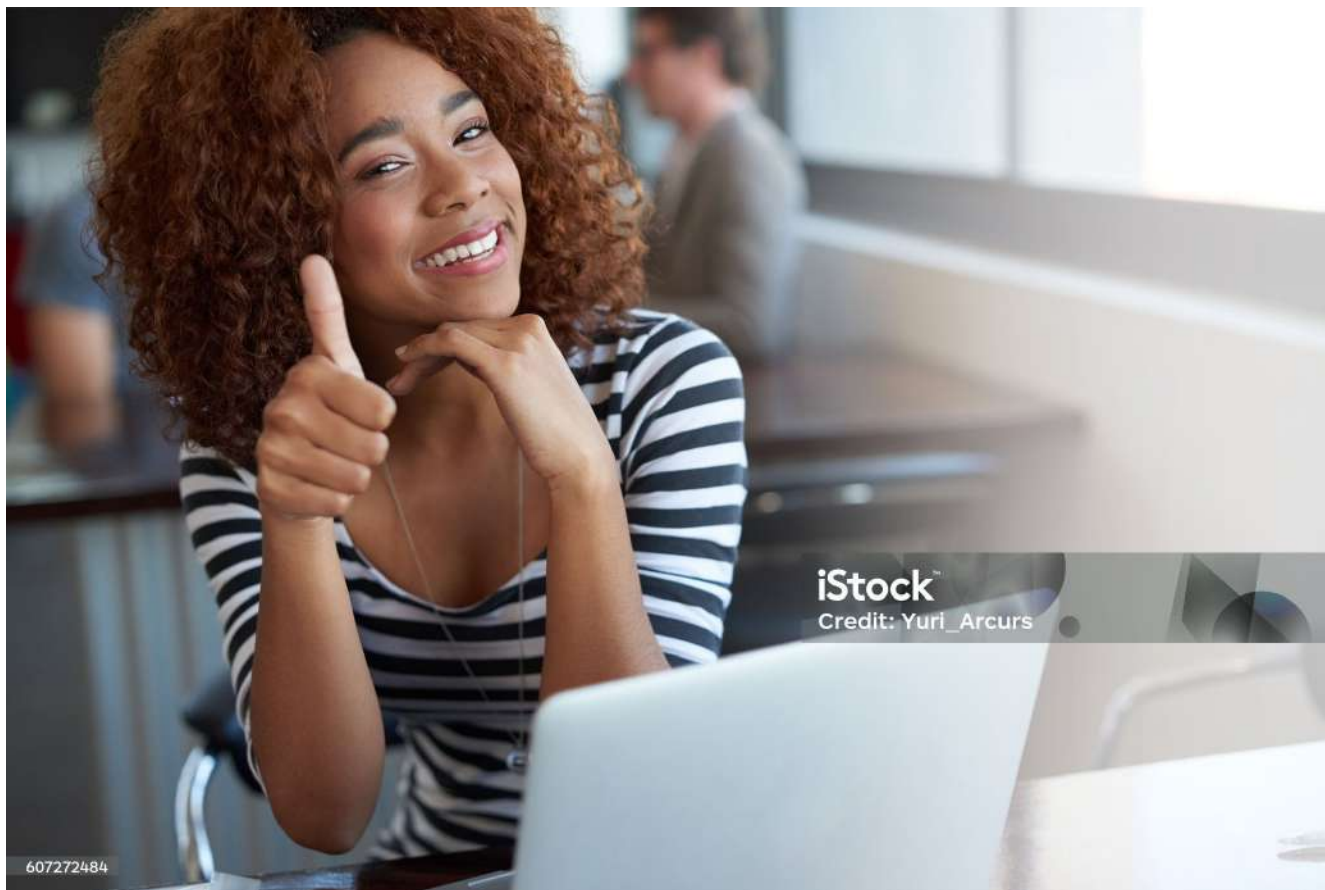
Authorization Code

PKCE

Implicit

Device Code


OpenID Connect





# CONTEXT MATTERS



Sign in manually

 Login with Facebook

 Login with Twitter



☐ Remember me

**LOGIN**

[Register now](#) | [Forgot password?](#)

**NOT AUTHENTICATION**





# Here!



# Thank you!