

INTERNET BANKING

Banking Made Easy

WELCOME



Same app, different platform!

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Problem Statement

01

TRADITIONAL BANKING

Inconvenient and Time-Consuming

02

LACK OF FLEXIBILITY

Limited Currency Options and Account Sharing



Introducing our user-friendly
internet banking app - CashNet

Key Features

01

DEPOSIT

Easily deposit funds into your account with a few simple steps

02

WITHDRAW

Effortlessly withdraw money whenever you need it, with no hassle

03

TRANSFER

Make secure and convenient transactions in any currency, anytime

Account Features

01

MULTIPLE ACCOUNTS

Open accounts in different VAT whenever you wish to

02

SHARED ACCOUNTS

Share your account with your family for easier access

03

TRANSFER HISTORY

Check transaction history with ease

Currency Flexibility



MAKE TRANSACTIONS
in any currency



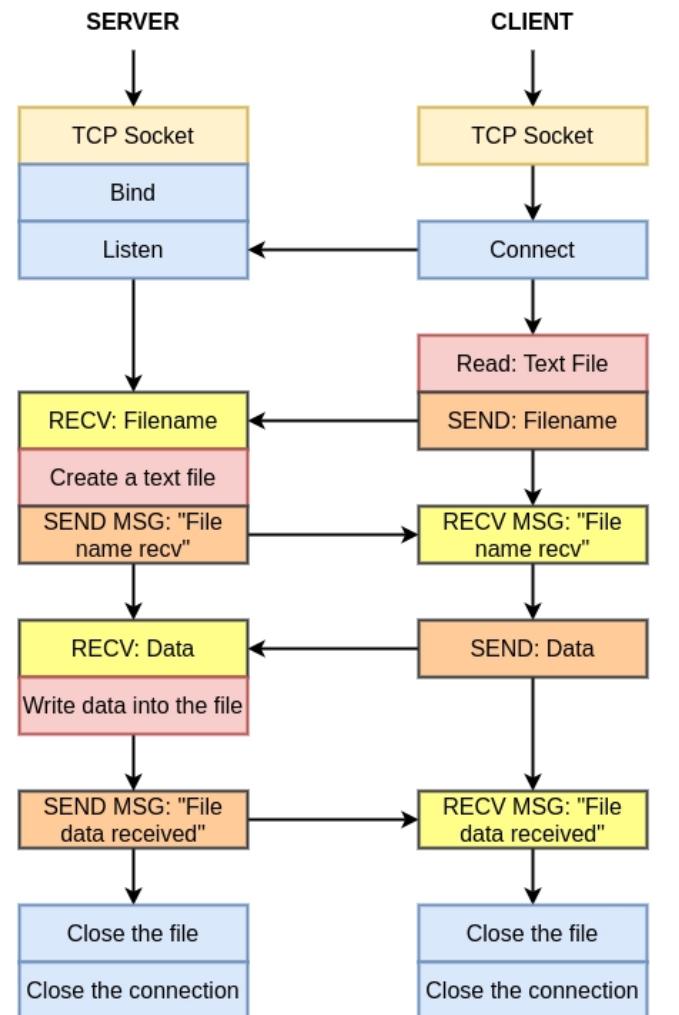
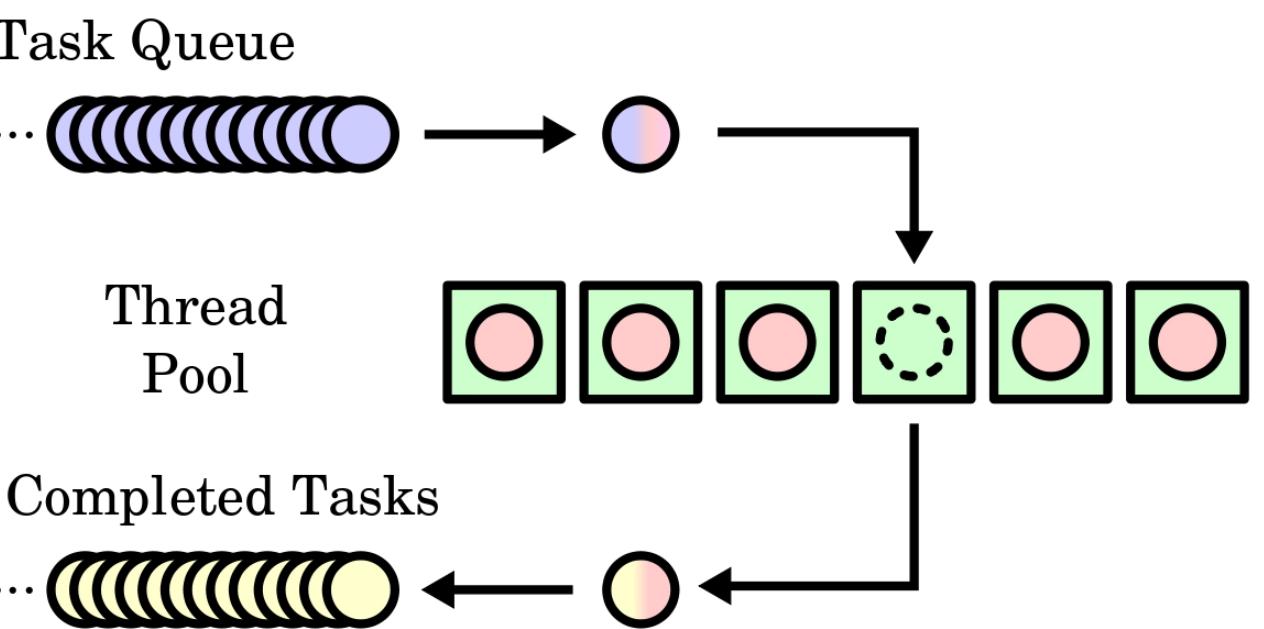
ANYTIME
24/7 availability



ANYWHERE
global coverage

UNDER THE HOOD

- TCP Sockets
- Threadpool with Queue
- Amazon Lambda Function*
- Public Web Services for currency check



* AWS free tier - Upgrade subscription required

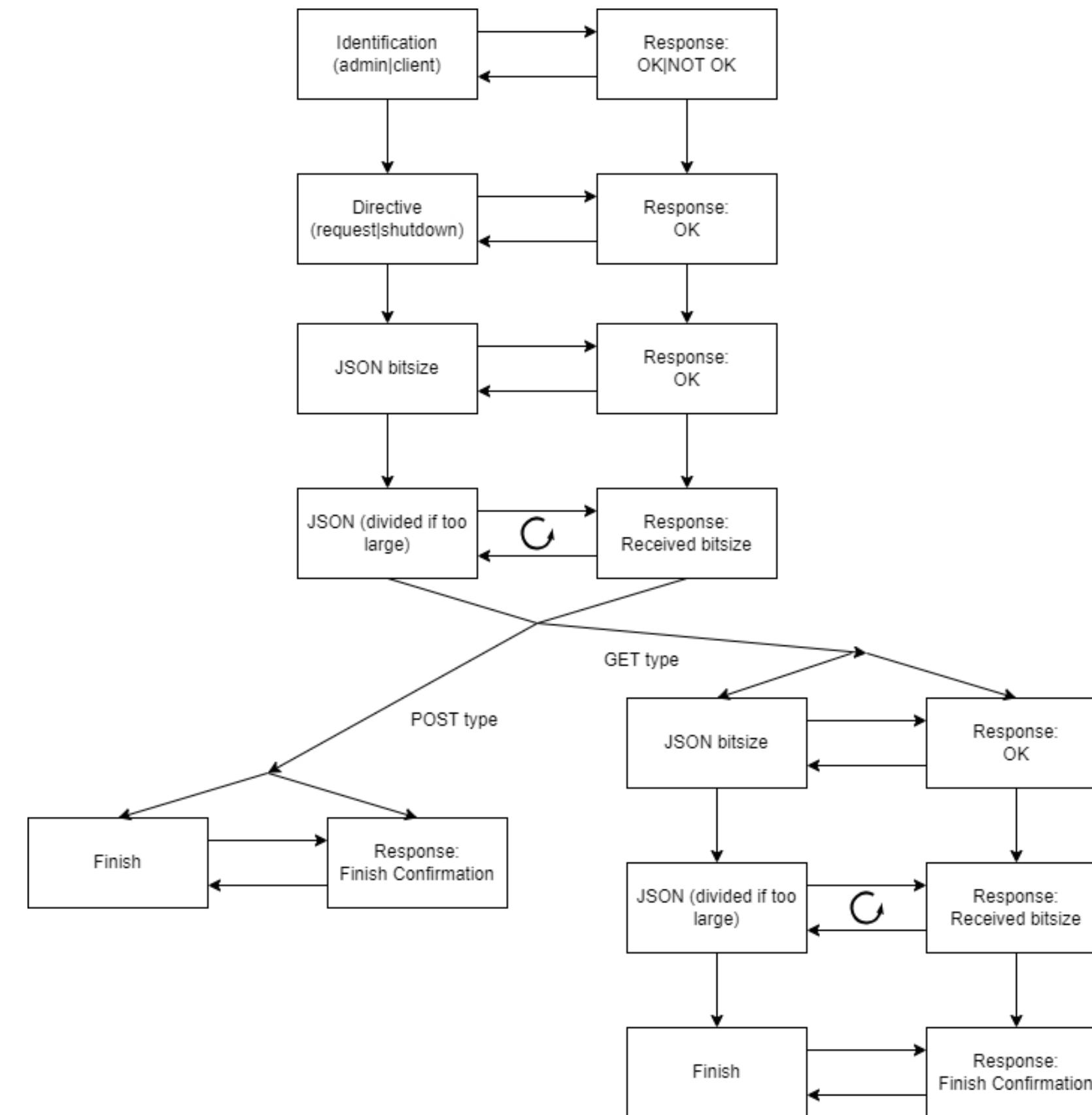
* API's (used in AWS) free plan offers 1000 requests/mo - Upgrade

subscription required (<https://openexchangerates.org>)

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UNDER THE HOOD

- Communication mechanism that simulates a HTTP Request (JSON Object)*



* Identification happens once, at the beginning of the connection

Install and deploy

- Install dependencies
 - In server/client folder run the following command: sudo make dependency
- Build the server
 - In server folder run the following command: make server
- Run the executable

One single admin client

For security reason, only one admin may go online at once

Good to go!

Connect to the server anytime you want to!

CONFIGURATION



Flexible configuration

Just change addresses.h and utils.py to deploy on specific IP address and Port

Live Demo



CASHNET - CONTACT

Dávid Nevezí-Strango
david.nevezis@e-uvt.ro

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