

# **PostgreSQL bez stresu**

**Od nasazení po zálohování**

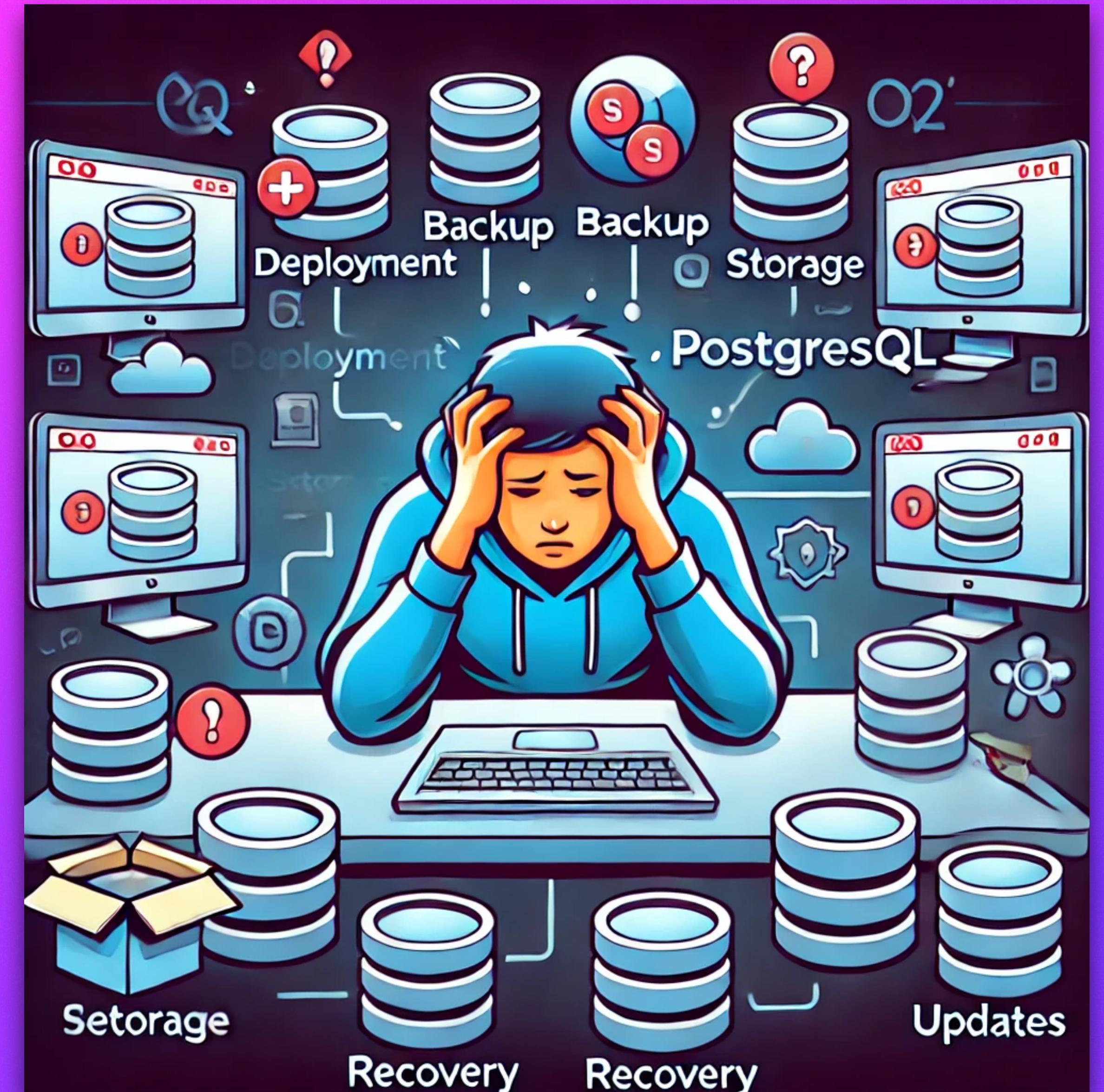
<https://klabnik.link/talk-solidblocks>



# PostgreSQL

## výzvy provozu

- Jak nasadit?
- Jak zálohovat?
- Kam zálohovat?
- Jak obnovit?
- Jak aktualizovat?



# Solidblocks

## RDS POSTGRESQL

- Autor Christian 'Pelle' Pelster
- Open Source projekt, MIT Licence
- Potřebuje pouze Docker
- PostgreSQL verze 14 a 15
- Obsahuje několik rozšíření



<https://github.com/pellepelster>

# Solidblocks

## RDS POSTGRESQL

- 25 ★
- 4 contributoří
- 599 commitů
- Commit předminulý týden

The screenshot shows a GitHub pull request page for a repository named 'solidblocks'. The pull request is titled 'fix S3 backup for other regions than eu-central-1 #24'. It is marked as 'Merged' by 'pellepelster' on Oct 30, 2023. The pull request has 3 conversations, 2 commits, 0 checks, and 4 files changed. A comment from 'valda-z' on Oct 30, 2023, discusses using servers in the US for a SaaS solution and storing data in the US region in AWS S3. Another comment from 'pellepelster' expresses gratitude and mentions releasing a new version by the end of the week. The pull request was merged into the 'pellepelster:main' branch.

fix S3 backup for other regions than eu-central-1 #24

Merged pellepelster merged 2 commits into pellepelster:main from shieldoo:feat/s3-params on Oct 30, 2023

Conversation 3 Commits 2 Checks 0 Files changed 4

valda-z commented on Oct 30, 2023

In our project we are using servers in US for our SaaS solution (<https://shieldoo.io>), for compliance reasons configuration to store in US region in AWS S3.  
Maybe you will find it useful for others..

Valdemar Zavadsky (shieldoo) added 2 commits last year

fix S3 backup for other regions than eu-central-1  
fix default values

pellepelster commented on Oct 30, 2023

Great contribution, thank you! I will release a new version with it and some other fixes by the end of the week

pellepelster merged commit `1e44710` into pellepelster:main on Oct 30, 2023

# RDS POSTGRESQL

## Jak nasadit?

- Potřebuje Docker a image z GHCR
- 14-v0.2.8 nebo 15-v0.2.8
- Parametry a volume



# RDS POSTGRESQL

## Jak a kam zálohovat?

- Lokální adresář, S3 a GCS
- Skripty v kontejneru
- /rds/bin/backup-[full|incr|diff].sh
- /rds/bin/backup-info.sh



# RDS POSTGRESQL

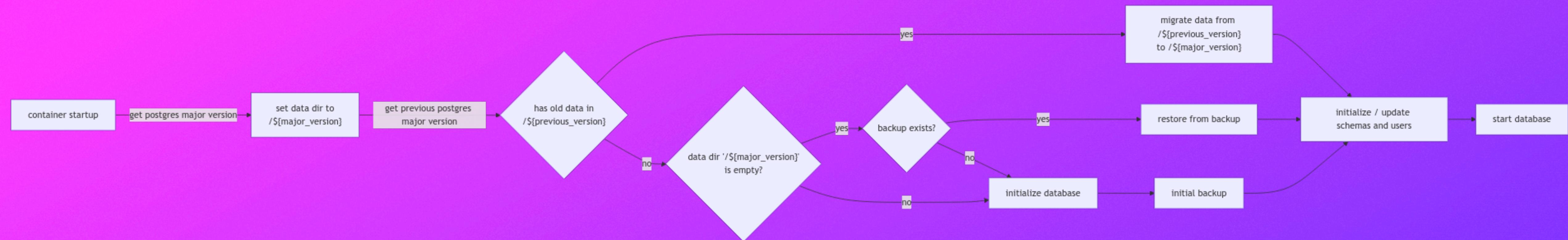
## Jak obnovit a aktualizovat?

- Automatický proces při startu
- Kontroluje adresáře
- Kontroluje backupy
- PITR



# RDS POSTGRESQL

## Architektura



# RDS POSTGRESQL

## Nějaké trable?

- Práva na adresář
- Chybí PostgreSQL verze 13 a 16
- Málo rozšíření
- Dokumentace



Generated by AI (DALL·E, OpenAI)

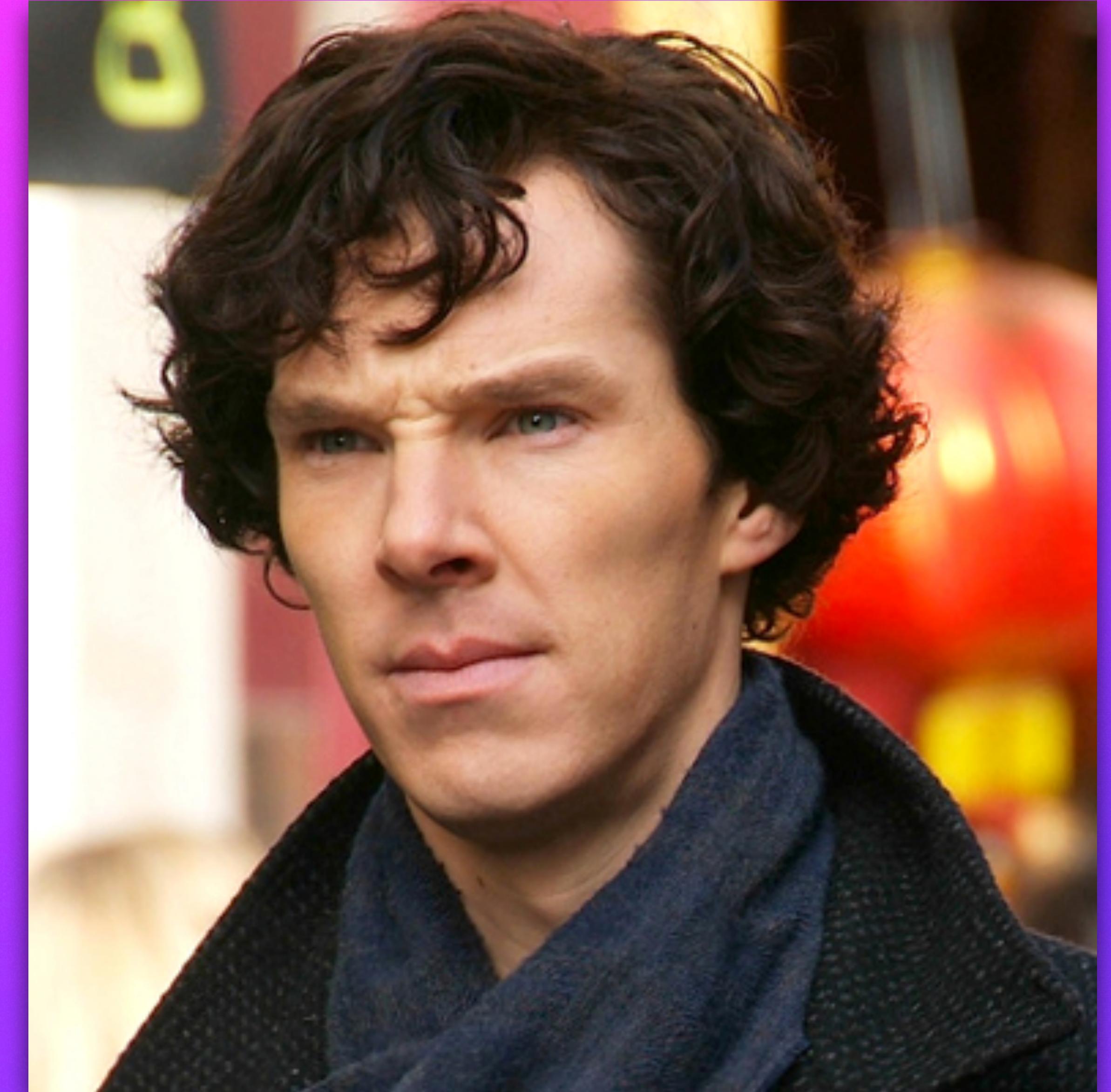
# Demo

# Závěrečné opáčko

- Výzvy provozu PostgreSQL
- Snadné řešení nástrojem ze Solidblocks od Pelstera
- Ukázky příkladů použití



**Máte nějaké otázky,  
které potřebují vyřešit?**



[https://en.wikipedia.org/wiki/Sherlock\\_Holmes](https://en.wikipedia.org/wiki/Sherlock_Holmes)

# Díky za pozornost

*Hugh thanks to you!*



<https://klabnik.link/talk-solidblocks>



[https://en.wikipedia.org/wiki/Hugh\\_Jackman](https://en.wikipedia.org/wiki/Hugh_Jackman)