

# Mineração de Repositórios de Software

Aula Prática - Stack Overflow API



Criadores do Stack Overflow - Joel Spolsky e Jeff Atwood



# stackoverflow

<https://stackoverflow.com/company>



# StackExchange



<https://data.stackexchange.com/help>

**50+ Million**

Monthly Visitors to Stack Overflow

**51,000**

Average # of Developers on Site Right Now

**7 Visits**

Average Per User, Each Month

**14,000,000+**

Questions

**19,000,000+**

Answers

**7.5 Billion**

Times a Developer Got Help

# Data Explorer Queries

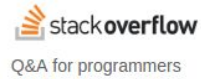
<https://data.stackexchange.com/stackoverflow/query/new>

# Visualizando Tabelas

[Home](#)[Queries](#)[Users](#)[Compose Query](#)

## Viewing Query

edit description



Database Schema



Posts

Users

Comments

Badges

CloseAsOffTopicReasonTypes

CloseReasonTypes

FlagTypes

PendingFlags

PostFeedback

PostHistory

Revisions

Waiting for you to make your first edit...

# Executando uma Query

The screenshot shows the Stack Overflow database query interface. A red box highlights the "Run Query" button at the bottom left. Three red arrows point to the title "Listing PostTypes", the SQL query "SELECT \* FROM PostTypes", and the "Run Query" button. The right sidebar shows the database schema with tables like Posts, Users, Comments, Badges, etc. The bottom right has a "hide sidebar >>" link.

Listing PostTypes

edit description

Título

Query

```
1 SELECT *
2 FROM PostTypes
```

Database Schema

- Posts
- Users
- Comments
- Badges
- CloseAsOffTopicReasonTypes
- CloseReasonTypes
- FlagTypes
- PendingFlags
- PostFeedback
- PostHistory
- Revisions

1300366

1300365 anonymous

permalink

hide sidebar >>

Run Query Cancel Options: ☐ Text-only results ☐ Include execution plan

# Acessando Link da Query

Listing PostTypes

edit description

```
1 SELECT *
2 FROM PostTypes
```

permalink

Run Query Cancel Options: ☐ Text-only results ☐ Include execution plan

stackoverflow

Q&A for programmers

Database Schema

Posts

Users

Comments

Badges

CloseAsOffTopicReasonTypes

CloseReasonTypes

FlagTypes

PendingFlags

PostFeedback

PostHistory

Revisions

1300366

1300365 anonymous

[hide sidebar >>](#)

# Exemplos



**Quais são os tipos de *posts* do SO?**

# Quais são os tipos de posts no SO?

```
1 SELECT *  
2 FROM PostTypes
```



Id ▲	Name ▲
1	Question
2	Answer
3	Wiki
4	TagWikiExcerpt
5	TagWiki
6	ModeratorNominat...
7	WikiPlaceholder
8	PrivilegeWiki

**Qual é a pergunta com mais visualizações no SO?**

**Qual é a pergunta com mais visualizações no SO?**

```
1 SELECT TOP 1 p.Id, p.ViewCount  
2 FROM Posts p  
3 WHERE p.PostTypeId = 1  
4 ORDER BY ViewCount DESC
```

# Qual é a pergunta com mais visualizações no SO?

Results		Messages	Graph
Id ▲	ViewCount ▲		
927358	7878234		

<https://stackoverflow.com/questions/927358>

# Qual é a pergunta com mais visualizações no SO?

The screenshot shows the Stack Overflow interface for the question "How do I undo the most recent local commits in Git?". The left sidebar contains navigation links: Home, PUBLIC, Stack Overflow (selected), Tags, Users, Jobs, TEAMS, and + Create Team. The question title is "How do I undo the most recent local commits in Git?". The body text reads: "I accidentally committed the wrong files to [Git](#), but I haven't pushed the commit to the server yet. How can I undo those commits from the local repository?". The question has 19577 votes (up arrow) and 6437 answers (down arrow and star). The right sidebar shows the question was asked 9 years, 11 months ago, viewed 7,879,560 times, and is active 23 days ago. Below this is a "Blog" section with links to "Security Update" and "Update to Security Incident (May 17)".

stackoverflow

Search...

Log In Sign Up

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS

+ Create Team

## How do I undo the most recent local commits in Git?

Ask Question

19577

6437

accidentally committed the wrong files to [Git](#), but I haven't pushed the commit to the server yet.

How can I undo those commits from the local repository?

git

share improve this question edited Apr 27 at 1:29

community wiki  
80 revs, 52 users 14%  
Peter Mortensen

asked 9 years, 11 months ago

viewed 7,879,560 times

active 23 days ago

Blog

Security Update

Update to Security Incident (May 17)

<https://stackoverflow.com/questions/927358>

**Quantas perguntas possuem a  
palavra “Java” no título?**

# Quantas perguntas incluem a palavra “Java” no título?

```
1 SELECT COUNT(*) as TotalJavaQuestions
2 FROM Posts
3 WHERE PostTypeId = 1
4 AND Title LIKE '% Java %'
```


Results	Messages
TotalJavaQuestions ▲	
94355	






**Listar as questões com uma  
determinada palavra no título**

## Listar as questões com uma determinada palavra no título



```
1 DECLARE @keyword nvarchar(35) = ##keyword:string##;  
2  
3 SELECT *  
4 FROM Posts  
5 WHERE PostTypeId = 1  
6 AND Title LIKE '% ' + @keyword + ' %'
```



# Listar as questões com uma determinada palavra no título

```
1 DECLARE @keyword nvarchar(35) = ##keyword:string##;  
2  
3 SELECT *  
4 FROM Posts  
5 WHERE PostTypeId = 1  
6 AND Title LIKE '% ' + @keyword + ' %'
```

[permalink](#)

## Enter Parameters

keyword



Run Query

Cancel

Options:

☐

Text-only results

☐

Include execution plan

# Links úteis

- **Exemplos de consultas populares:**

`https://data.stackexchange.com/stackoverflow/queries?order\_by=favorite`

- **Documentação:**

`https://data.stackexchange.com/help`