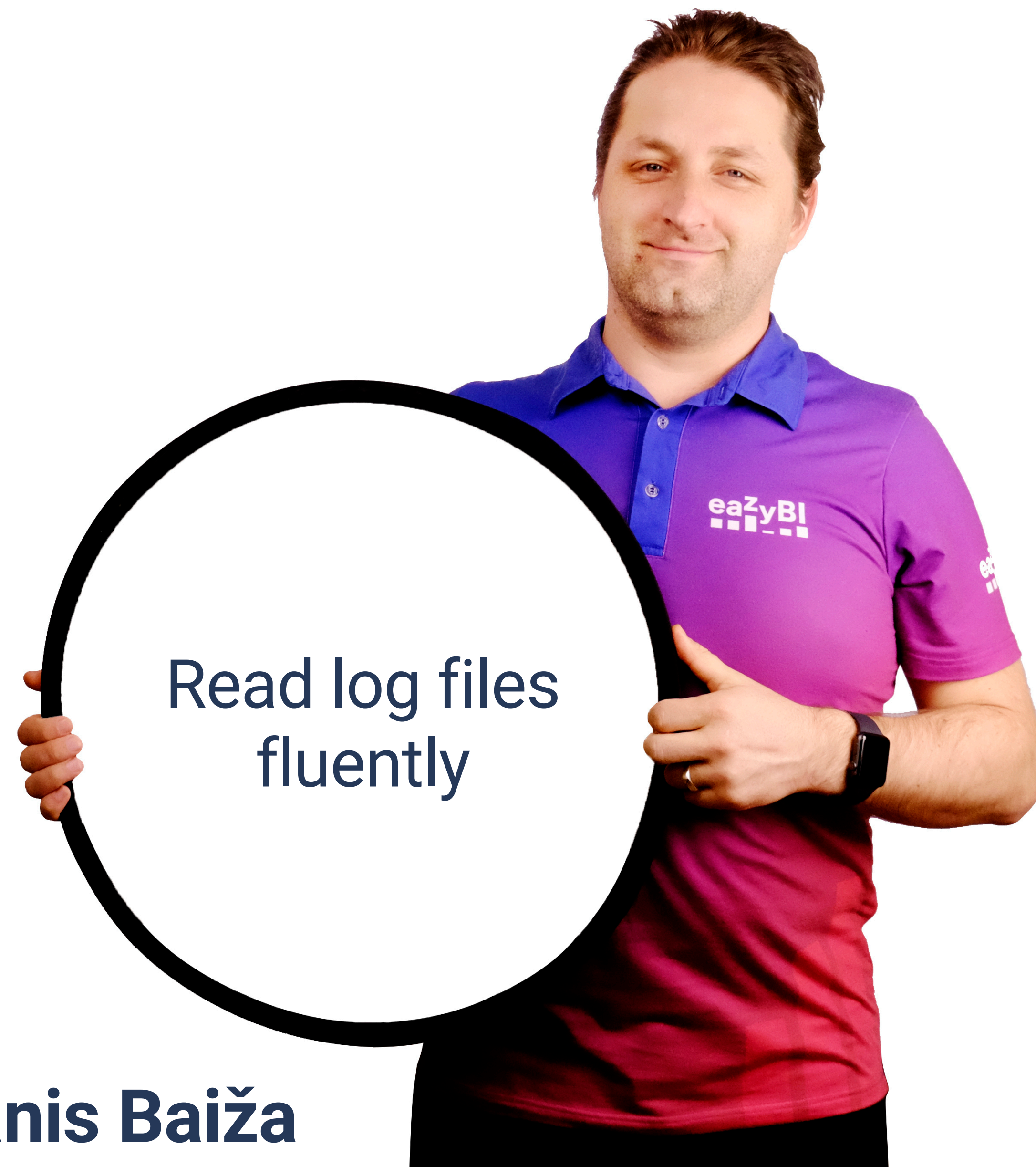




# Usage Statistics: Analyze eazyBI Report Performance with eazyBI

Jānis Baiža





**Jānis Baiža**





# Analyze easyBI with easyBI

## Usage statistics

What is usage statistics

## Report usage

What, how often, and how long time is executed

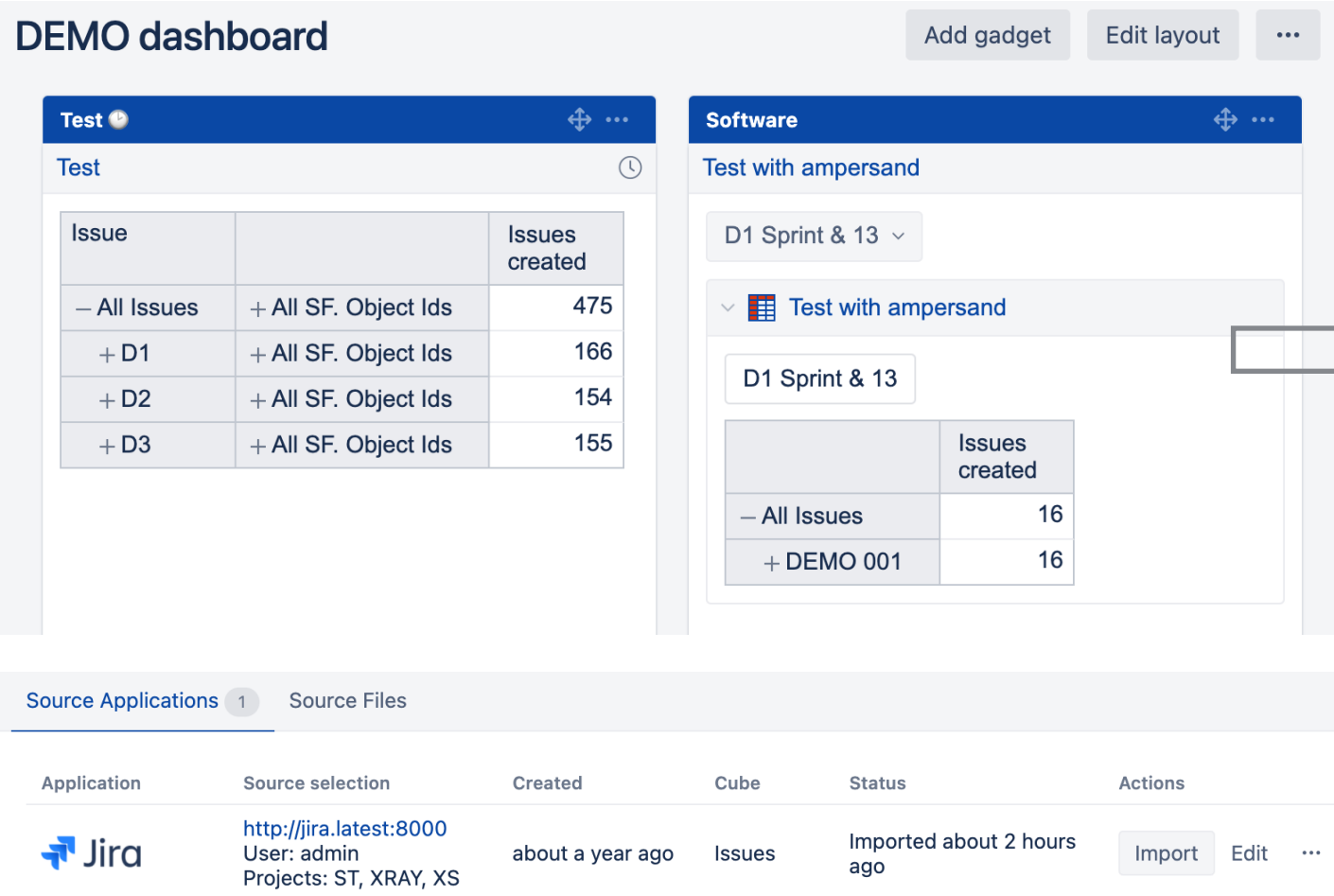
## Import data

How often, how long, and how many errors

## Administration

How to enable and administer

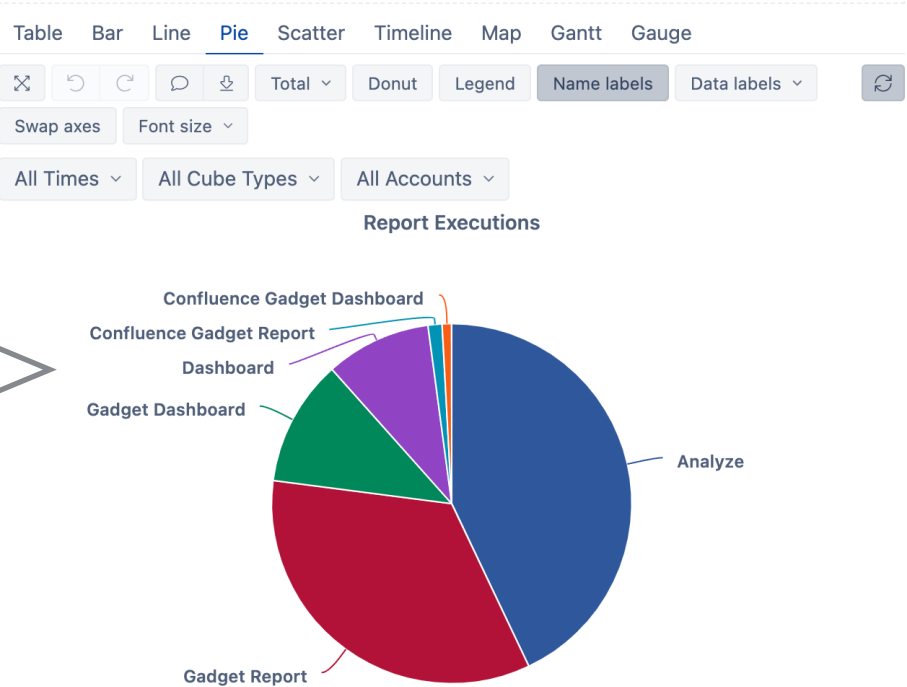
# Usage statistics



Report executions & imports

easyBI database

easyBI







# Analyze easyBI with easyBI

## Usage statistics

What is usage statistics

## Report usage

What, how often, and how long time is executed

## Import data

How often, how long, and how many errors

## Administration

How to enable and administer

“

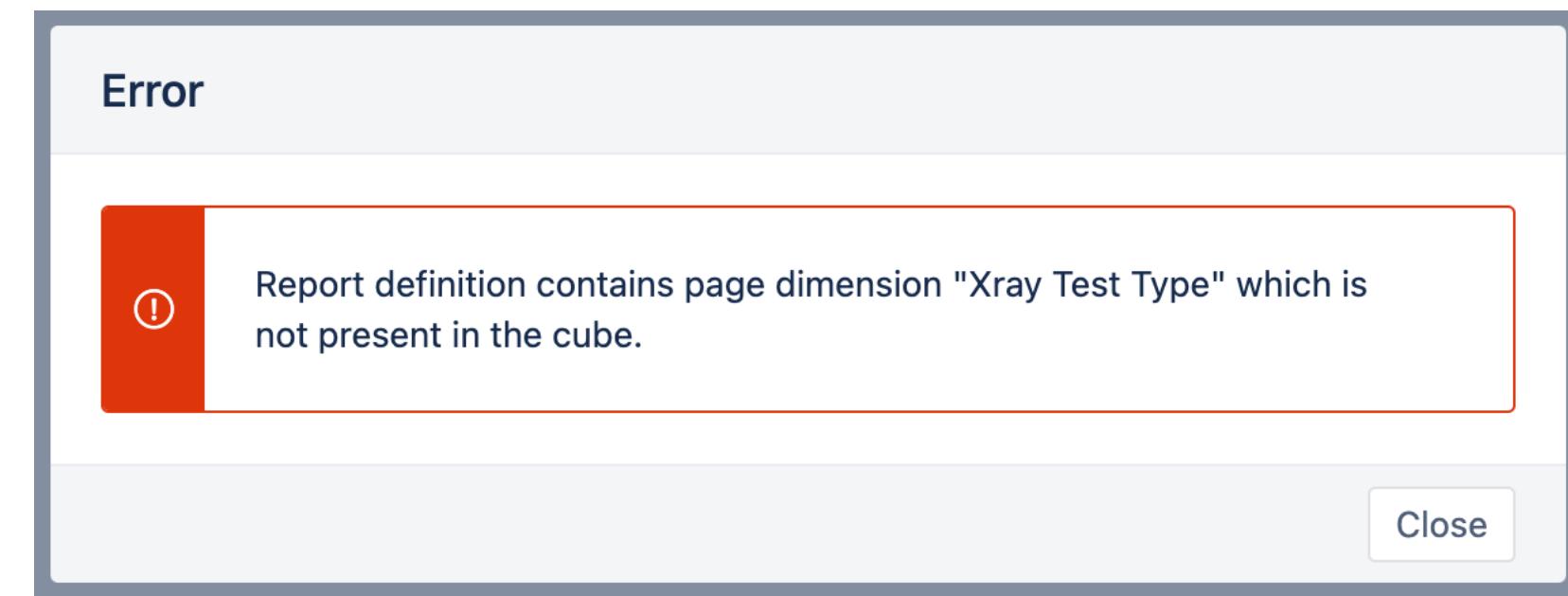
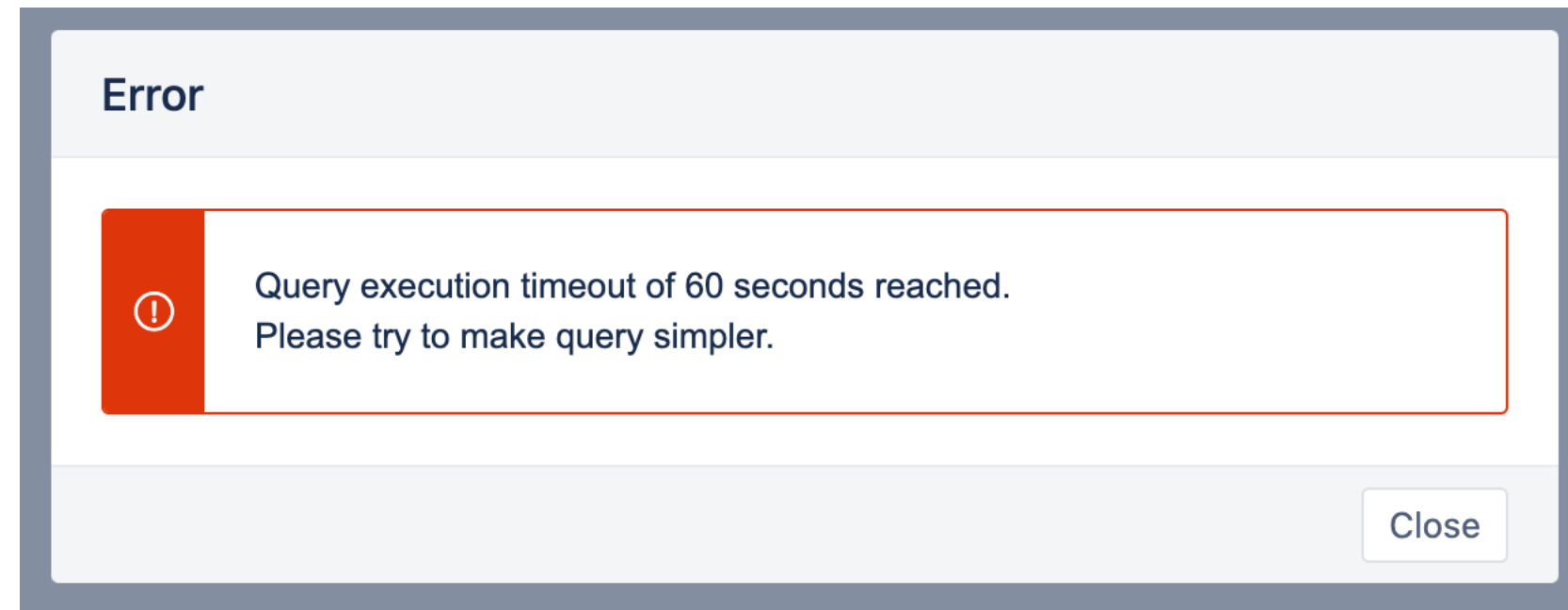
**My reports are slow.**

---

**SAD CUSTOMER**

“

I'm getting errors in my reports.



---

**DISSAPPOINTED CUSTOMER**

“

**Users are complaining that  
the Jira is getting slow.  
Maybe eazyBI is causing it?**

---

**CURIOUS CUSTOMER**



“

**We are migrating to Jira Cloud and would like to clean up eazyBI accounts.**

---

**CARING CUSTOMER**

# Top slow reports

Usage > Top slow reports

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

Hide empty rows ▾ Top 20 by Average Execution Duration All others Total ▾ Freeze header

All Times ▾ All Cube Types ▾ All Report Locations ▾ All Accounts ▾

	Report Executions	Average Execution Duration ▾	Active Users	Report Execution Errors	Report Execution Errors %
Issue version report (4877)	5	10.068s	1	4	80.00%
Logged hours by user in current week (4814)	11	4.225s	2	1	9.09%
Sprint story points burn-down (4819)	688	1.637s	3	14	2.03%
Sprint story points burn-down (4837)	15	0.452s	1		
Sprint issues by status category at sprint end (4815)					
Unresolved issues by assignee and status (4809)					
Logged hours by project and user over last weeks (4813)					
Sprint velocity chart (4835)					

All Times ▾ All Cube Types ▾ All Report Locations ▾ All Accounts ▾

	Report site or account	Report Executions	Average Execution Duration ▾	Active Users	Report Execution Errors	Report Execution Errors %
Issue version report (4877)	Account regular (82)	6	10.073s	2	6	100.00%
Logged hours by user in current week (4814)	Account regular (82)	11	4.225s	2	1	9.09%
Sprint story points burn-down (4819)	Account regular (82)	688	1.637s	3	14	2.03%
Sprint story points burn-down (4837)	Account irregular (83)	15	0.452s	1		
Sprint issues by status category at sprint end (4815)	Account regular (82)	579	0.195s	3	1	0.17%
Unresolved issues by assignee and status (4809)	Account regular (82)	10	0.090s	2		



# Reports with errors

TableBarLinePieScatterTimelineMapGanttGauge

✕↶↷💬⬇

Report Execution Errors > 0Top 20 by Report ExecutionsAll othersTotal ▾

All Times ▾All Cube Types ▾All Report Locations ▾All Accounts ▾

	Report Executions ▾	Average Execution Duration	Active Users	Report Execution Errors	Report Execution Errors %
Sprint story points burn-down (4819)	688	1.637s	3	14	2.03%
Sprint issues by status category at sprint end (4815)	579	0.195s	3	1	0.17%
Logged hours by user in current week (4814)	11	4.225s	2	1	9.09%
Issue version report (4877)	6	10.073s	2	6	100.00%

Mar 2022 ▾All Cube Types ▾All Report Locations ▾All Accounts ▾

	Report Executions ▾	Average Execution Duration	Active Users	Report Execution Errors	Report Execution Errors %
Sprint story points burn-down (4819)	195	3.703s	3	12	6.15%
Logged hours by user in current week (4814)	11	4.225s	2	1	9.09%
Issue version report (4877)	6	10.073s	2	6	100.00%

Mar 17 2022 ▾All Cube Types ▾All Report Locations ▾All Accounts ▾Anna Linda (Anna.Linda@example.com) ▾

	Report Executions ▾	Average Execution Duration	Active Users	Report Execution Errors	Report Execution Errors %
Issue version report (4877)	1	10.030s	1	1	100.00%

# Top executed reports

Usage > Top executed reports

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

     Hide empty rows ▾ Top 20 by Report Executions All others Total ▾ Freeze header

All Times ▾ All Cube Types ▾ All Report Locations ▾ All Accounts ▾

	Report site or account	Report Executions ↓	Average Execution Duration	Active Users
Sprint story points burn-down (4819)	Account regular (82)	688	1.637s	3
Sprint issues by status category at sprint end (4815)	Account regular (82)	579	0.195s	3
Sprint report (4818)	Account regular (82)	435	0.037s	3
Sprint velocity chart (4817)	Account regular (82)	409	0.037s	3
Story points balance by sprints (4816)	Account regular (82)	403	0.046s	3

Sprint story points burn-down (4837) Mar 2022 ▾ All Cube Types ▾ All Accounts ▾

Estimated and logged hours in version (4812)

		Report site or account	Report Executions ↓	Average Execution Duration	Active Users
Sprint issues by status category at sprint end (4815)	Embed Dashboard	Account regular (82)	67	0.092s	1
Sprint report (4818)	Embed Dashboard	Account regular (82)	67	0.077s	1
Sprint story points burn-down (4819)	Embed Dashboard	Account regular (82)	67	3.764s	1
Sprint velocity chart (4817)	Embed Dashboard	Account regular (82)	67	0.088s	1
Story points balance by sprints (4816)	Embed Dashboard	Account regular (82)	66	0.097s	1
Sprint issues by status category at sprint end (4815)	Gadget Dashboard	Account regular (82)	40	0.020s	2



# Active / inactive accounts

Usage > Top active accounts

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

     Hide empty rows ▾ Top 20 by Report Executions All others Total ▾

All Times ▾ All Cube Types ▾ All Report Locations ▾

	Account site	Report Executions ▾	Average Execution Duration	Active Users
Account regular (82)	(other)	2,653	0.528s	3
Account irregular (83)	(other)	17	0.407s	1

Q1 2022 ▾ All Cube Types ▾ All Report Locations ▾

	Account site	Report Executions ↑	Average Execution Duration	Active Users
Account 10 min import (84)	(other)			
Account 10 min import - error (85)	(other)			
Account irregular (83)	(other)	7	0.489s	1
Account regular (82)	(other)	1,914	0.600s	3

Q1 2022 ▾ All Cube Types ▾ All Report Locations ▾

	Account site	Report Executions ↑	Average Execution Duration	Active Users
Account 10 min import (84)	(other)			
Account 10 min import - error (85)	(other)			
Account irregular (83)	(other)	7	0.489s	
Account regular (82)	(other)	1,914	0.600s	3

Drill across

Time >  
Hour >  
Week Day >

Report Executions >  
Source Data Import >

Cube Type >  
Dashboard >  
Report >  
Report Location >  
Report Type >

User >  
Site  
User

Q1 2022 ▾ All Cube Types ▾ All Report Locations ▾

		Active Users
Account irregular (83)	Adam Mint ( )	1

# Unused reports

<div><div><div>⌕</div><div>↶</div><div>↷</div><div>💬</div><div>⬇</div></div><div>Hide empty ▾</div><div>Bottom 20 by Report Executions</div><div>All others</div><div>Total ▾</div><div>Freeze header</div></div>				
<div><div>2022 ▾</div><div>All Cube Types ▾</div><div>All Report Locations ▾</div><div>All Accounts ▾</div></div>				
	Report site or account	Report Executions ↑	Average Execution Duration	Active Users
Sprint issues by status category at sprint end (4833)	Account irregular (83)			
Sprint velocity chart (4835)	Account irregular (83)			
Issue version report (4877)	Account regular (82)	6	10.073s	2
Sprint story points burn-down (4837)	Account irregular (83)	7	0.489s	1
Average resolution time and trend (Lead time) (4803)	Account regular (82)	10	0.032s	2
Average time in status (Cycle time) (4804)	Account regular (82)	10	0.058s	2
Created issues over time by current status (4805)	Account regular (82)	10	0.032s	2



# How to continue



## Optimize

Ask consultants, partners, eazyBI for a help with report optimization



## Errors

Fix errors, make reports private, or delete them



## Most executed

Check whether reports should be on Jira dashboards



## Unused

Delete unused accounts, reports, calculated members

# Collapse in Jira dashboards

Account regular

⛶ ...

Edit gadget settings

Selected dashboard: Core sample [change](#)

☐ Enable results export

☐ Disable report actions (except enabled below)

☐ Automatically refresh

☐ Collapse

Height

Save

cancel



# Unused calculated members

Define calculated member formula

[Measures].[Xray average Test Run durati] =

1 CASE WHEN [Measures].[Xray Test Runs executed] > 0 THEN

2 [Measures].[Xray Total Test Run duration] / [Measures].[Xray Test

3 END

Root members

Issues created

Issues due

Issues resolved

Issues closed

Issues with due date

Issues last updated

Original estimated hours

Remaining estimated hours

Issues created count

Issues due count

Issues resolved count

Issues closed count

Hours spent

Issues with hours spent

Formatting

##h ##m Minutes

Read [calculated members tutorial](#) to learn about calculated member formulas. You can select members, operators and frequently used functions from sidebar to insert them into calculated member formula.

Not used in any report. Convert to report specific.

Update

Delete

cancel

Issue properties show 27 measures

Other properties show 7 measures

User defined

Xray average Test Run duration = edit

Used in 1 other report.

Update

Delete

cancel

Other properties show 7 measures

User defined

Xray average Test Run duration = edit

Sprint story points committed test = edit

if calculated measure

Calculated member dependencies

Calculated member [Measures].[Sprint story points committed test] is used in this report:

Story points committed test

Pages

Drag here if needed

Columns

Measures

Rows

Nonempty

Report

Select individual members

All Reports

Story points committed test (4878)

Search and bookmark

test

All hierarchy level members

Drill into or expand

Pages

Time

User

Table

Bar

Line

Pie

Scatter

Timeline

Map

Gantt

Gauge

Hide empty

Total

			Report Executions
Story points committed test (4878)	Mar 17 2022	Adam Mint ( )	3



# Analyze easyBI with easyBI

## Usage statistics

What is usage statistics

## Report usage

What, how often, and how long time is executed

## Import data

How often, how long, and how many errors

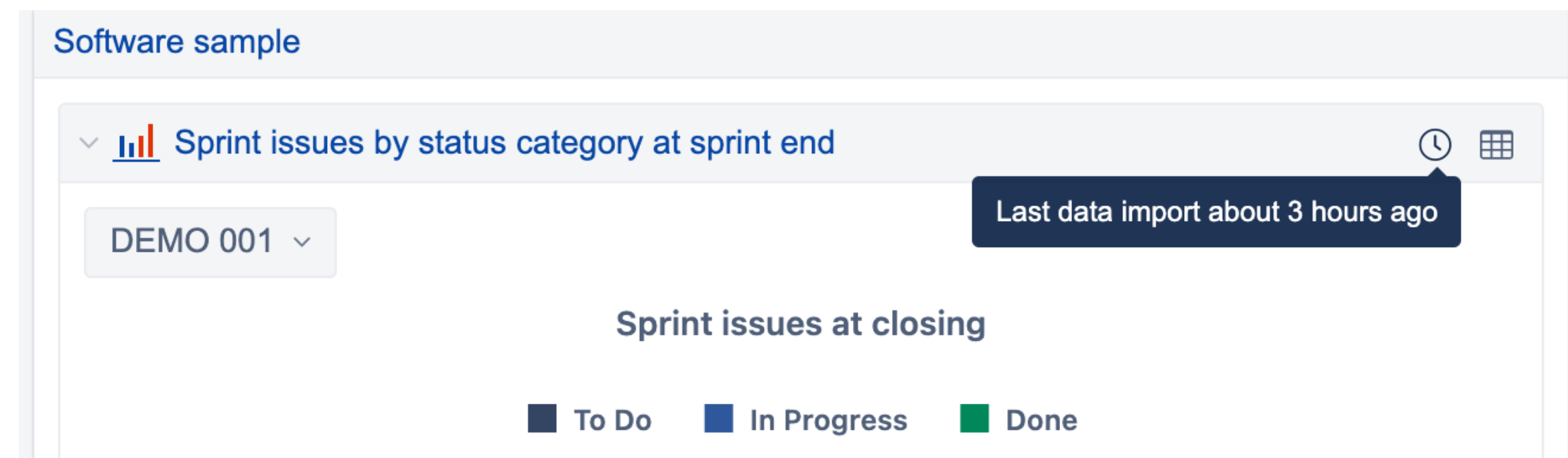
## Administration

How to enable and administer



“

Our reports don't show the latest issue changes!



---

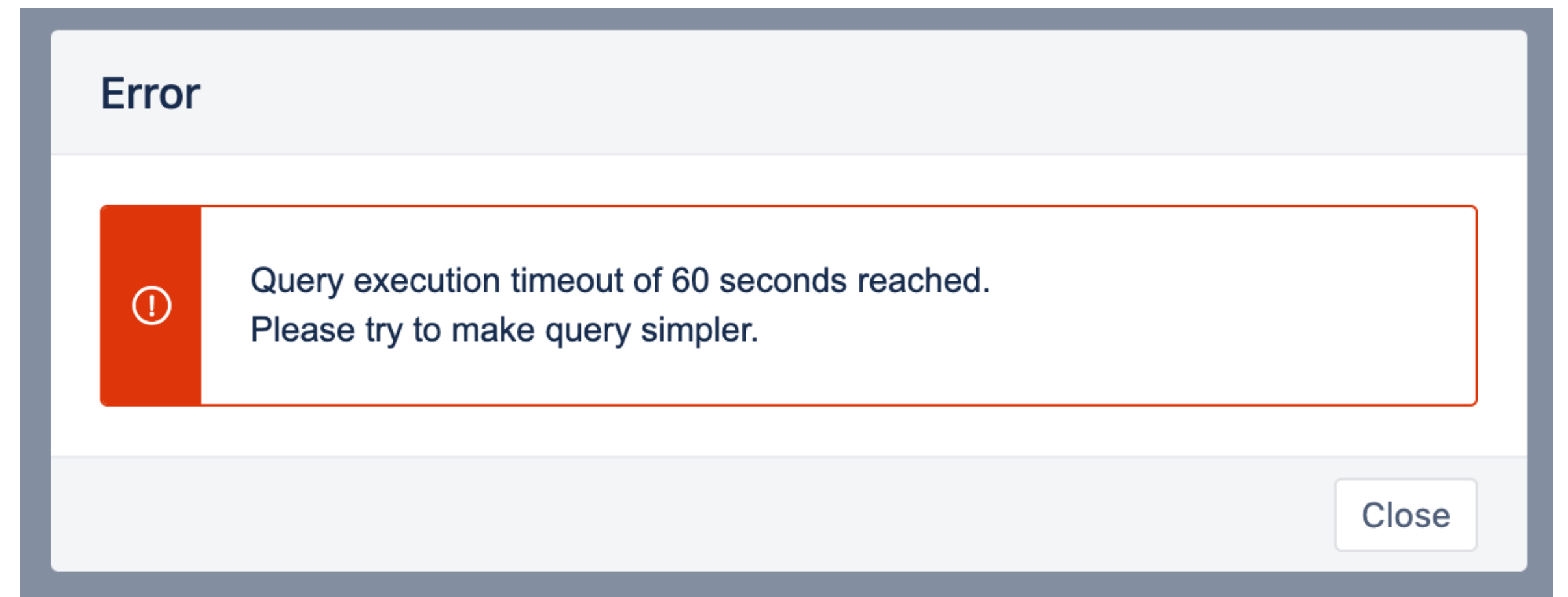
**FRUSTRATED CUSTOMER**

“

I'm getting timeout errors in my overview reports from time to time.

---

**DISAPPOINTED CUSTOMER**





“

**It's hard to see information  
about the import statuses in  
one place.**

---

**CONFUSED CUSTOMER**

# Import overview

Show available dimensions

Pages

Nonempty

> Time

> Import Type

> Source Unit

Rows

Nonempty

> Account

> Source Type

Columns

> Measures

TableBarLinePieScatterTimelineMapGanttGauge

Hide empty rows

Import Count > 0

All others

Total

All TimesAll Import TypesAll Source Units

		Import Count	Average Import Duration	Import Errors	Import Errors %	Import Canceled	Step Import Count	Average Step Import Duration	Units Imported	Average Units Imported	Units Imported Per Second	Account DWH size
Account 10 min import (84)	+ Jira	1,076	1m 05s				3,534	1.652s	16,283	15	2	35.50 MB
	SQL	40	1.339s						200	5	74	35.50 MB
Account 10 min import - error (85)	+ Jira	1,086	4.612s	164	15.10%		2,006	0.396s	7,246	7	9	17.08 MB
Account irregular (83)	+ Jira	13	1h 50m 53s				26	55m 24s	569	44	0	15.26 MB
Account regular (82)	+ Jira	99	7m 26s	2	2.02%	1	100	2.600s	40,045	414	58	126.77 MB

	Import Count	Average Import Duration	Import Errors	Import Errors %	Import Canceled	Step Import Count	Average Step Import Duration	Units Imported	Average Units Imported	Units Imported Per Second
– Jira	1,069	1m 05s				3,506	1.662s	16,073	15	2
Issues import						1,069	5.061s	4,352	4	1
Profields import						684	0.035s			
Projects import						1,069	0.078s	4,276	4	51
Tempo import								7,445	7	2
Xray import						684	0.449s	0		

# Long running imports

Show available dimensions

Pages

> Time

Rows

Nonempty

> Source

Columns

> Measures

TableBarLinePieScatterTimelineMapGanttGauge

⌵

↶

↷

💬

⬇

Import Count > 0

Top 20 by Average Import Duration

All others

Total ▾

Q1 2022 ▾

	Import Count	Average Import Duration ↓	Average Units Imported	Units Imported Per Second
+ Account regular (82)	72	9m 21s	559	61
+ Account 10 min import (84)	1,114	1m 03s	15	2
+ Account irregular (83)	5	6.484s	5	3
+ Account 10 min import - error (85)	1,085	4.613s	7	9



# Frequently running imports

Usage > Source Data Import > Top imports by count

Dimensions [hide](#)

> Account

> Hour

> Week Day

Report Executions [show 6 dimensions](#) Source Data Import [show 3 dimensions](#)

Pages

> Time

Rows

Nonempty

> Source

Columns

> Measures

TableBarLinePieScatterTimelineMapGanttGauge

Import Count > 0

Top 20 by Import Count

All others

Total

2022

	Import Count	Average Import Duration
+ Account 10 min import (84)	1,114	1m 03s
+ Account 10 min import - error (85)	1,085	4.613s
+ Account regular (82)	72	9m 21s
+ Account irregular (83)	5	6.484s

# Imports with errors

Usage > Source Data Import > Imports with errors

Show available dimensions

Pages

Nonempty

> Time

> Import Type

Rows

Nonempty

> Account

> Source

Columns

> Measures

TableBarLinePieScatterTimelineMapGanttGauge

Import Errors > 0

All others

Total ▾

All Times ▾

All Import Types ▾

		Import Errors ▾	Import Errors %	Import Canceled
Account 10 min import - error (85)	Jira (97)	164	15.10%	
Account regular (82)	Jira (94)	3	3.03%	1

## Next steps

---

## Slow imports

Frequency

Errors

- **Slow custom JavaScript calculations**
- **Slow Jira calculated custom fields**
- **Database performance issues**
- **Turn on profiling**



# Next steps

Slow imports

Frequency

Errors

- Reduce import frequency

Schedule

Regular import frequency

No regular import

Default (every day)

No regular import

Every 10 minutes

Every 30 minutes

Every hour

Every 3 hours

Every 6 hours

Every 12 hours

Daily at specified time

Click Import to save c

# Next steps

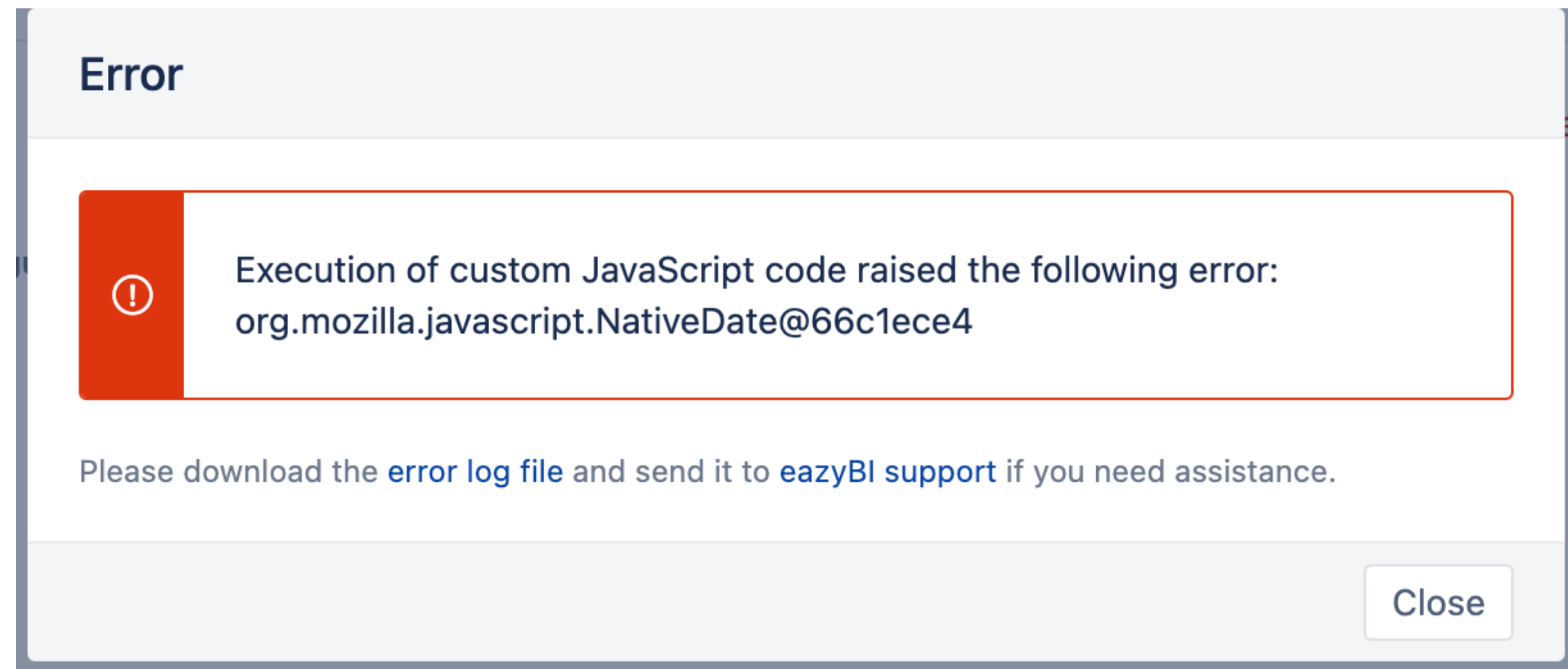
---

Slow imports

Frequency

**Errors**

- **Fix errors**



- **Ask consultants, partners, eazyBI for a help**



# Analyze easyBI with easyBI

## Usage statistics

What is usage statistics

## Report usage

What, how often and how long time is executed

## Import data

How often, how long and how many errors

## Administration

How to enable and administer



# Usage statistics

Enable

Account

Reports

Add users

easyBI settings

General

License

Additional

Advanced settings

Additional settings

Usage statistics

☒ Read more about [usage statistics](#) in the help page.

easyBI admins

easybi-admin

×

data-manager

×

Select which Jira user groups (in addition to Jira system administrators) can perform most of easyBI administration tasks.

Update additional settings

Site settings

General

Advanced settings

General settings

Usage statistics

☒ Read more about [usage statistics](#) in the documentation page.

Template accounts

☒ Read more about [template accounts](#) in the documentation page.

Support access

☒ Allow access to imported data and reports to easyBI support (only when solving issues or troubleshooting reports).

Update settings

# Usage statistics

Enable

Account

Reports

Add users



Home

Jira

Select account



## My accounts

▼ (usage statistics) (System admin)

INTERNAL

Users

Analyze 8 reports

Usage

Summary

## Latest news

EVENT

eaZyBI Community Day 2022 (On-Site & Livestream)

eaZyBI

COMMUNITY DAY  
LAS VEGAS  
APRIL 8, 2022

# Usage statistics

Enable

Account

Reports

Add users



Usage

Views:

Search



New report

New folder

Import reports

Export reports 8



Daily usage summary



Report executions by cube type



Report executions by report location



Reports with errors



Top active accounts



Top active dashboards



Top executed reports



Top slow reports



Home

Analyze

Dashboards

Jira

(usage statistics)



Summary

New

Edit



All Times

All Cube Types

All Report Locations

All Accounts

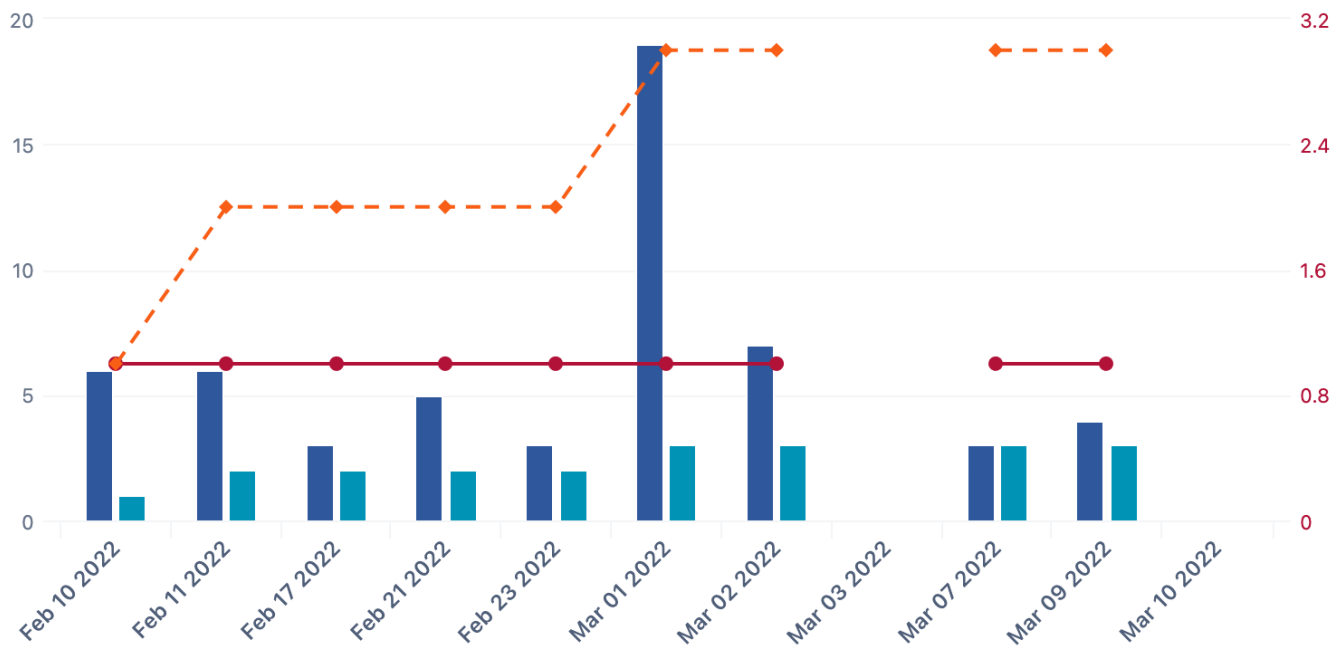
Daily usage summary

All Cube Types

All Report Locations

All Accounts

Report Executions Active Reports Active Users Active Accounts



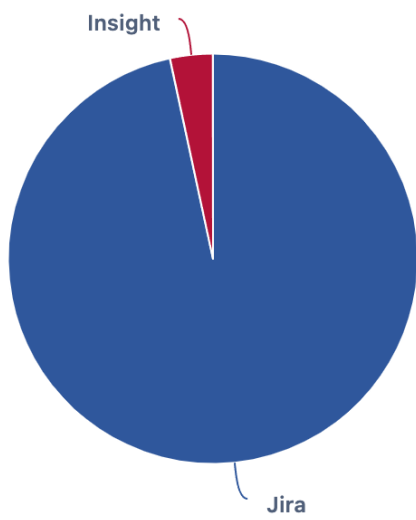
Report executions by cube type

All Times

All Report Locations

All Accounts

Report Executions



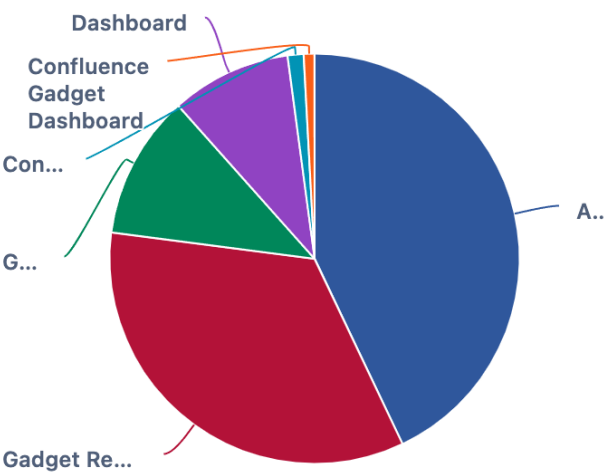
Report executions by report location

All Times

All Cube Types

All Accounts

Report Executions







# Usage statistics




Enable

Account

Reports

Add users

 Home Analyze Dashboards  Jira

(usage statistics)   

Account users

Data access roles


Name	Email	Role	Data access roles	Actions
------	-------	------	-------------------	---------

Add account user

jira-

jira-administrators (group)  
jira-developers (group)  
jira-mathias-group (group)  
jira-servicedesk-users (group)

User



er JIRA group name.  
A to be able to select users from list.

Select data access roles

Add



**Find errors in reports  
and imports**



**Clean up your  
instance**



**Monitor import  
performance**





# Questions?

[community.eazybi.com](https://community.eazybi.com)  
[support@eazybi.com](mailto:support@eazybi.com)



An aerial photograph of a dense urban landscape, likely a major city center, featuring numerous high-rise buildings and a complex network of roads and highways. The image is overlaid with a horizontal gradient that transitions from a vibrant red on the left side to a deep blue on the right side. Centered over this background is the text "Thank you!" in a large, white, sans-serif font.

# Thank you!