



easyBI

**Translating JQL queries to the easyBI
reports**

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”Engineering customer requests and compliance”

Jira reporting with JQL

Customised query language

Jira-model-aware

Data export

Export to visualise further with
spreadsheets

Manual work

Manual data processing and lack of
the advantages of multidimensional
queries

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A person is sitting on a yellow, textured stool, holding a tablet. The tablet screen displays a data dashboard with various charts and tables. The person is wearing blue jeans and a white top. The background is a blurred indoor setting with a wooden floor and a white wall.

**Reuse your JQL to start
advanced reporting with
easyBI**


Hands-on !

<https://eazybi-training.atlassian.net/>



The screenshot shows the eazyBI web interface. At the top, the browser address bar displays the URL <https://eazybi.com/accounts/22010/cubes> with a red box highlighting the address bar and the word "Account" in the top right corner. Below the address bar is the eazyBI logo and a navigation menu with "Home", "Source Data", "Analyze", and "Dashboards". The "Analyze" tab is selected. The main content area shows the "Issues" section with a yellow cube icon, the word "Issues", and buttons for "Empty", "Size: 21.3 MB", and "Last import: about 12 hours ago". Below this are four buttons: "New report", "New folder", "Import reports", and "Export reports 8", with a red box highlighting the "Export reports 8" button. Below the buttons is a breadcrumb navigation bar with "Home" and "2 Translating JQL", with a red box highlighting the breadcrumb and the word "Folder" in red. At the bottom, there are two report thumbnails: "Example 1.1 - Simple page filter" and "Example 1.2 - Universal measure".




← → ↻ **Secure** | <https://eazybi.com/accounts/22010/cubes> **Account**

eazyBI Home Source Data **Analyze** Dashboards

 **Issues** Empty ... Size: **21.3 MB** Last import: **about 12 hours ago**

New report New folder Import reports **Export reports 8**

 **Home** >  **2 Translating JQL** **Folder**

 **Example 1.1 - Simple page filter**  **Example 1.2 - Universal measure** 

Example 1 - simple query with “AND”

```
project = "DEMO Alpha" AND status = "In Progress"
```


Example1: simple query

project = "DEMO Alpha" AND status = "In Progress"

Page filter

Universal measure

DEMO Alpha ▾ In Progress ▾	Issues created
– All Issues	8
– DEMO Alpha	8
DA-106 Conway masculine spatting muscling astigmatism's trapezoidal	1
DA-116 Heads Hewitt insulator verse's insecurely retrieving caption monitoring improbability Tamara	1
DA-174 Unpacked shelter physiologists Best's plowshares	1
DA-188 Hulas ermines cajoling eyeglass's bureaucrats	1
DA-191 Stanley's wrestler's discriminates Berg's dotty	1
DA-193 Guarantees suspense's causeless Troy's temperating cyberpunk perihelia dynamics's guarantying	1
DA-194 Cobra's calculus gingkos satyrs protectors	1
DA-194 / DA-197 Punks Fabian leaseholder Lynnette's ferret's popularizing criticism dowelled oils	1

Example1: simple query

Page filter

Universal measure

```
project = "DEMO Alpha" AND status = "In  
Progress"
```

```
( [Measures].[Issues created],  
  [Project].[Demo Alpha],  
  [Status].[In Progress] )
```


Value selections with JQL

“IN” and “NOT IN”

Example 2 - How to do “In” “Not In”

Aggregate

Aggregate
except

Multiple values

```
project in ("DEMO Alpha", "DEMO Beta", "DEMO  
Gamma") and resolutiondate > startOfYear()
```

```
Aggregate(  
  Filter([Project].[Project].Members,  
    [Project].CurrentMember.Name matches "DEMO.*"  
  )  
)
```

```
([Measures].[Issues resolved],  
[Project].[Demo projects],  
[Time].[Year].CurrentdateMember)
```


Example 2 - How to do “In” “Not In”

Aggregate

Aggregate
except

Multiple values

```
project in ("DEMO Alpha", "DEMO Beta", "DEMO  
Gamma") and status not in (Done, "To Do")
```

```
Aggregate (  
  Except ([Status].[Status].Members,  
    {[Status].[To Do],  
      [Status].[Done]}  
  )  
)
```

```
([Measures].[Issues created],  
 [Project].[Demo projects],  
 [Status].[Except To Do and Done]  
)
```

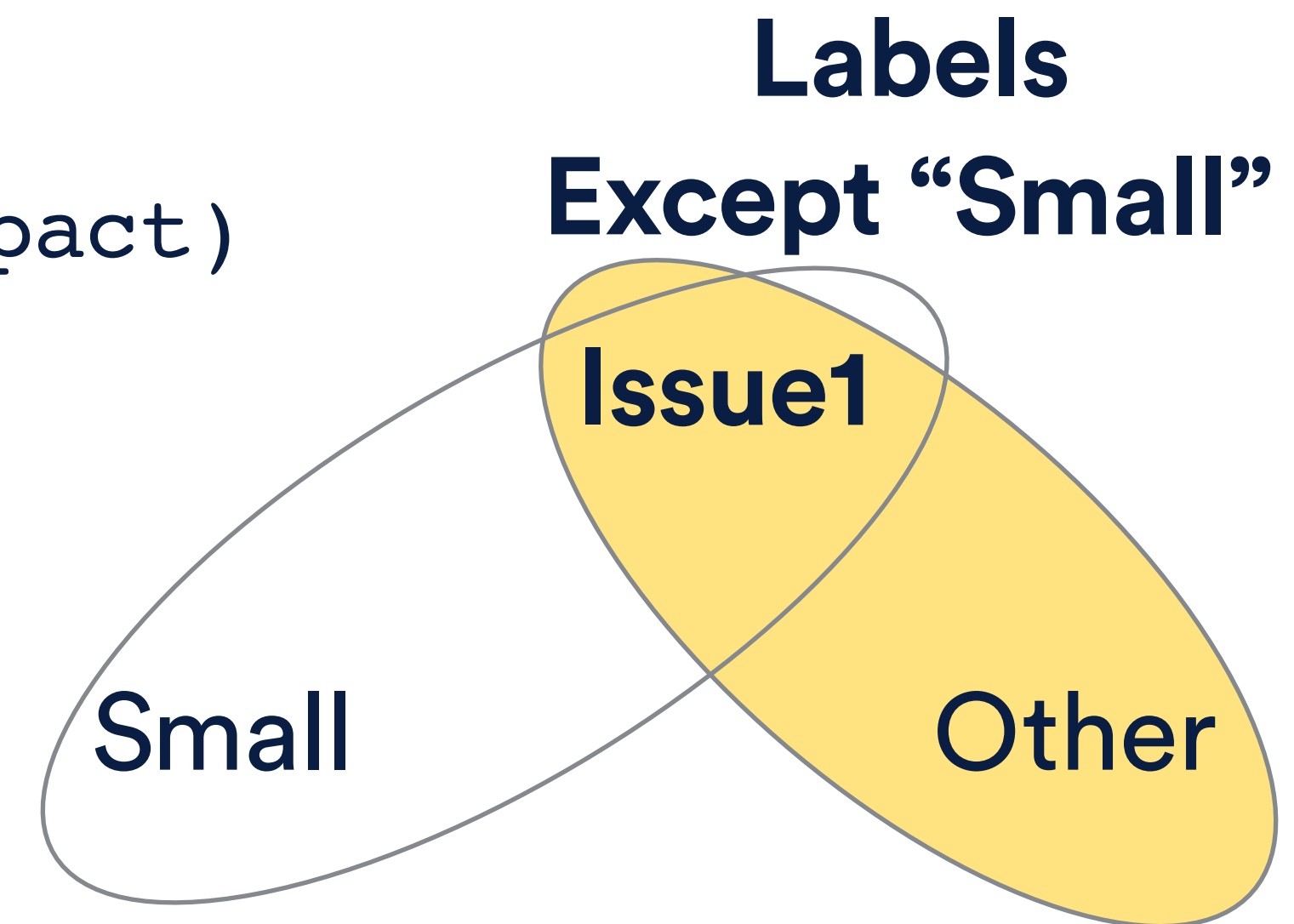
Example 2 - How to do “In” “Not In”

Aggregate

Aggregate
except

Multiple values

labels not in (Small,Mini,Compact)



```
count (
  Filter ( Descendants ( [Issue] . CurrentMember , [Issue] . [Issue] ) ,
    [Measures] . [Issues created] > 0
  and
    IsEmpty ( ( [Measures] . [Issues created] ,
      [Label] . [Small, Mini, Compact] ) )
  and
    IsEmpty ( ( [Measures] . [Issues created] ,
      [Label] . [ (none) ] ) )
  )
)
```


JQL filters using “OR”

Example 3 - simple “OR”

Filters for issue list

Tuples

Descendants

```
project = "DEMO Alpha" AND status = "In Progress"  
OR  
project = "DEMO Beta" AND resolution = Unresolved
```

```
( [Measures].[Issues created],  
  [Project].[Demo Alpha] ) > 0  
and  
[Measures].[Issue status] = "In Progress"  
or  
( [Measures].[Issues created],  
  [Project].[Demo beta] ) > 0  
and  
[Measures].[Issue resolution] = "(unresolved)"
```


Example 2 - simple “OR”

Filters

Descendants

Tuples

```
project = "DEMO Alpha" AND status = "In Progress"  
OR  
project = "DEMO Beta" AND resolution = Unresolved
```

```
nonzero ( count (
    Filter ( Descendants ( [Issue] . CurrentMember , [Issue] . [Issue] ) ,
        ( [Measures] . [Issues created] ,
        [Project] . [Demo Alpha] ) > 0
    and
    [Measures] . [Issue status] = "In Progress"
    or
    ( [Measures] . [Issues created] ,
    [Project] . [Demo beta] ) > 0
    and
    [Measures] . [Issue resolution] = "(unresolved)"
    )
) )
```

Example 2 - simple “OR”

Filters

Descendants

Tuples

```
project = "DEMO Alfa" AND status = "In Progress"  
OR  
project = "DEMO Beta" AND resolution = Unresolved
```

Luckily, in this case the parts of the “OR”
expression do not overlap!

```
( [Measures].[Issues created],  
  [Project].[Demo Alpha],  
  [Status].[In Progress] ) +  
  
( [Measures].[Issues created],  
  [Project].[Demo Beta],  
  [Resolution].[ (unresolved) ]  
)
```

Time for exercise !

priority **NOT IN** (High,Highest) **OR** assignee **IS EMPTY**





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