eazyBI COMMUNITY DAYS 2025

Bringing Your Assets to Life with eazyBI

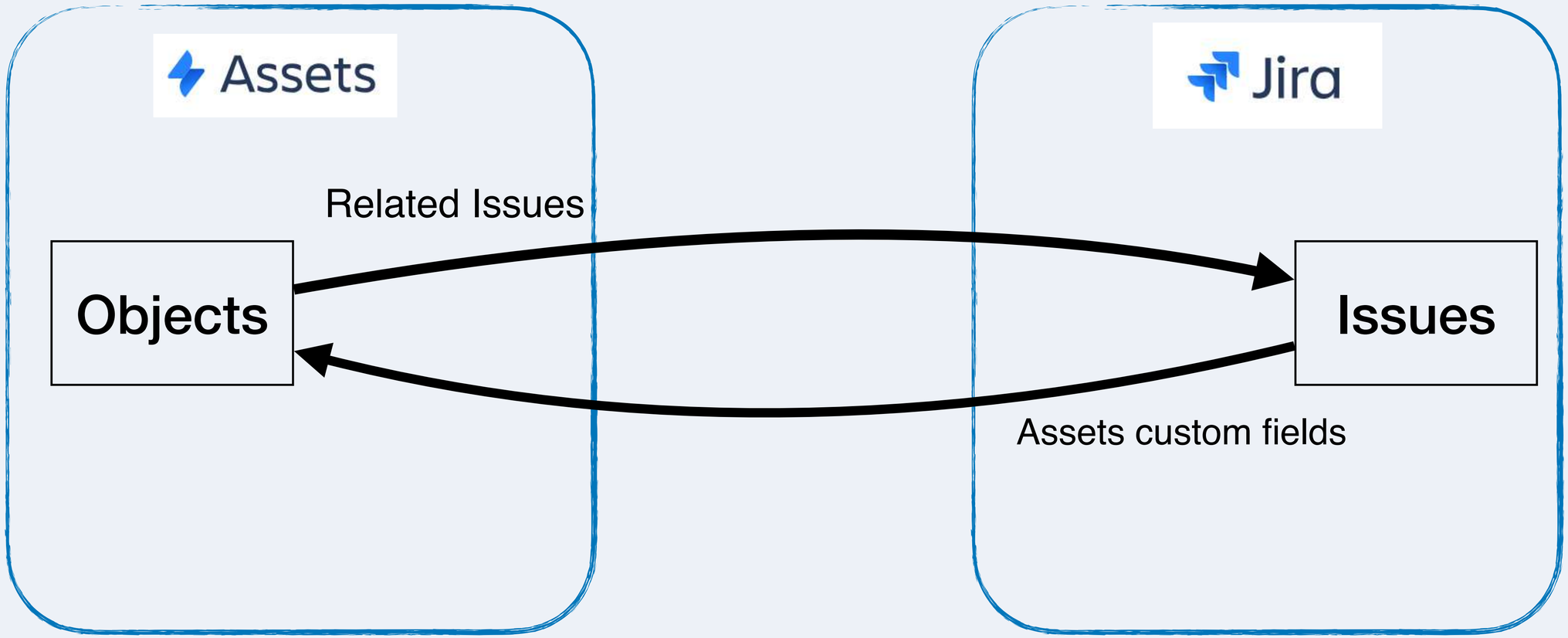
Jānis Plūme

Customer Support consultant

Agenda

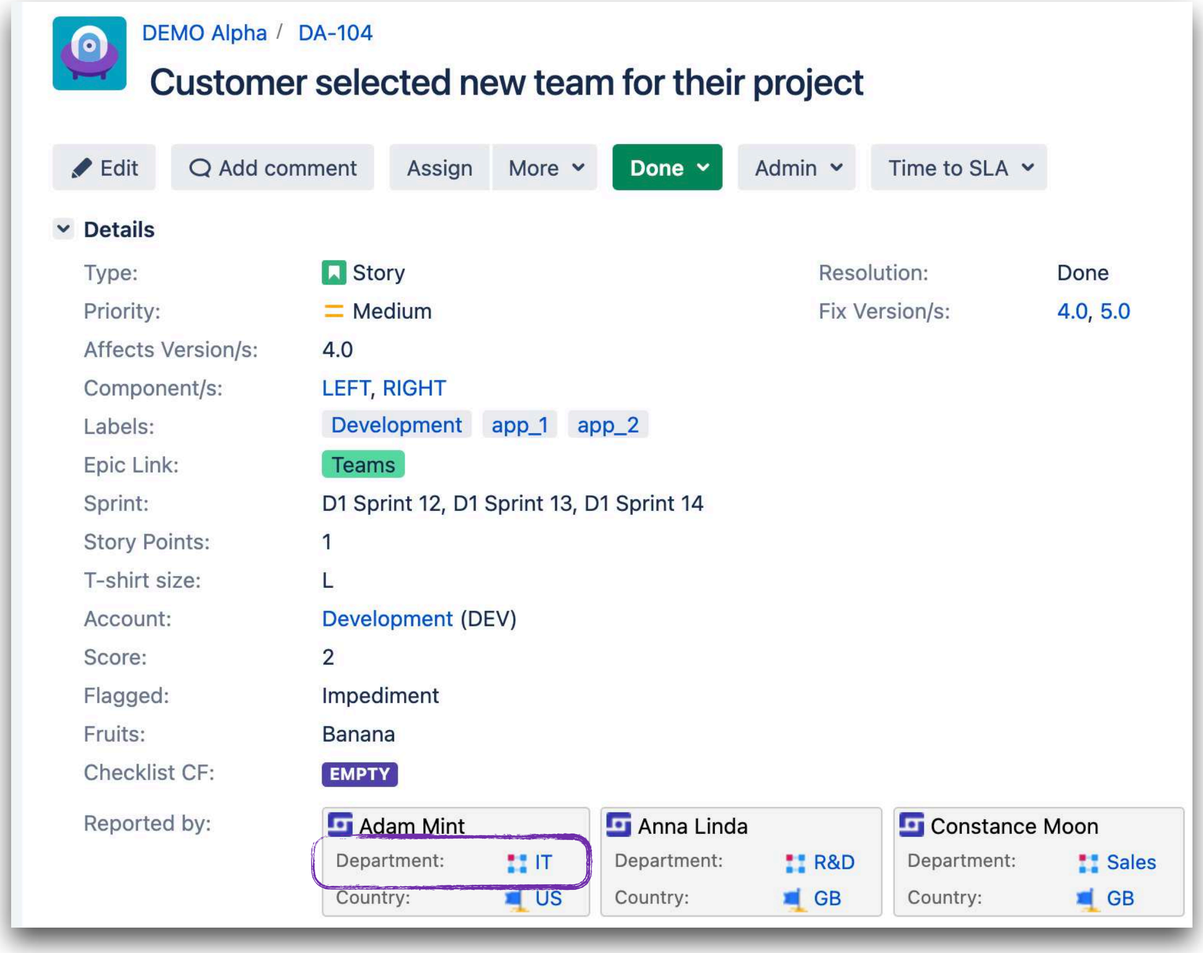
- eazyBI integrations with Assets
- Assets custom fields in Jira Issues
- Different use cases with Assets object schema

Assets object schemas vs. Assets custom fields

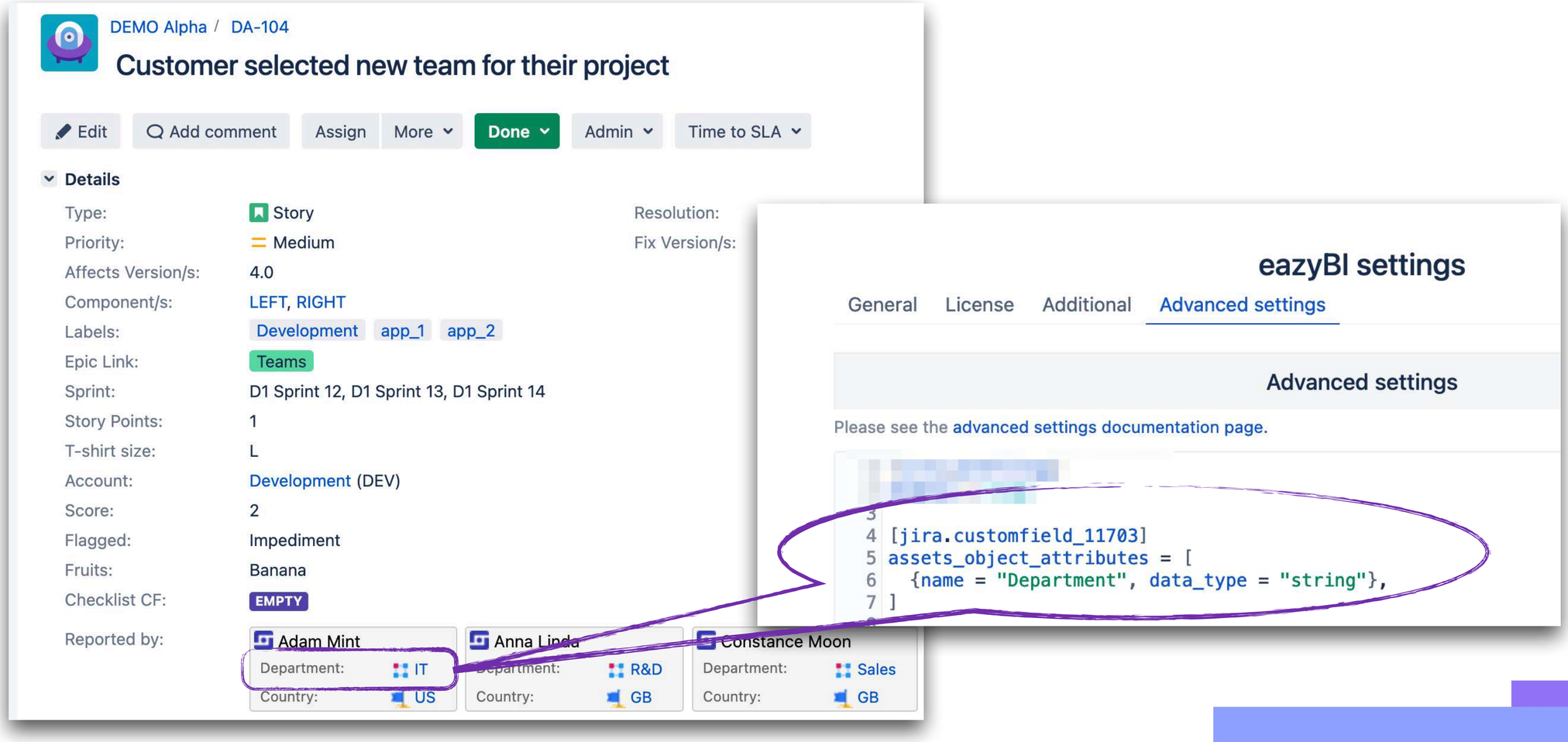


Assets custom fields in Jira Issues data cube

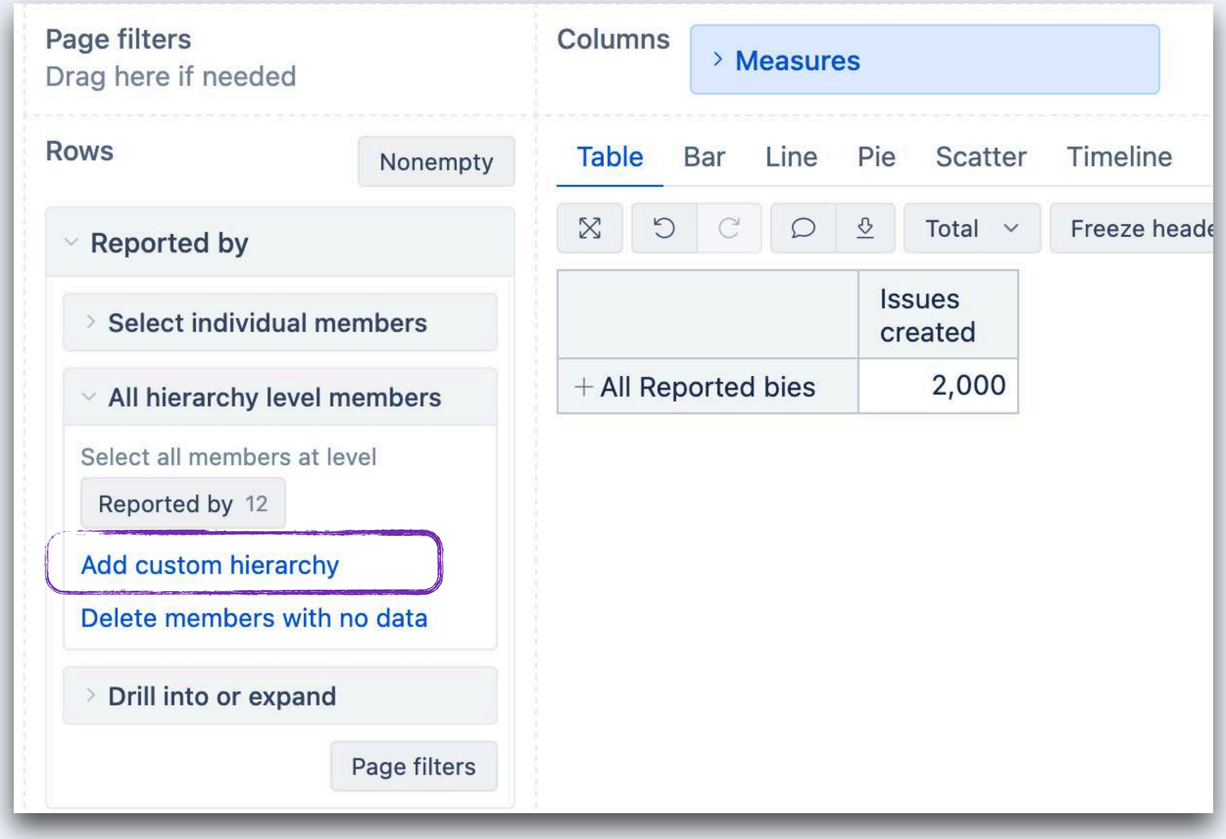
Additional settings for Assets custom fields

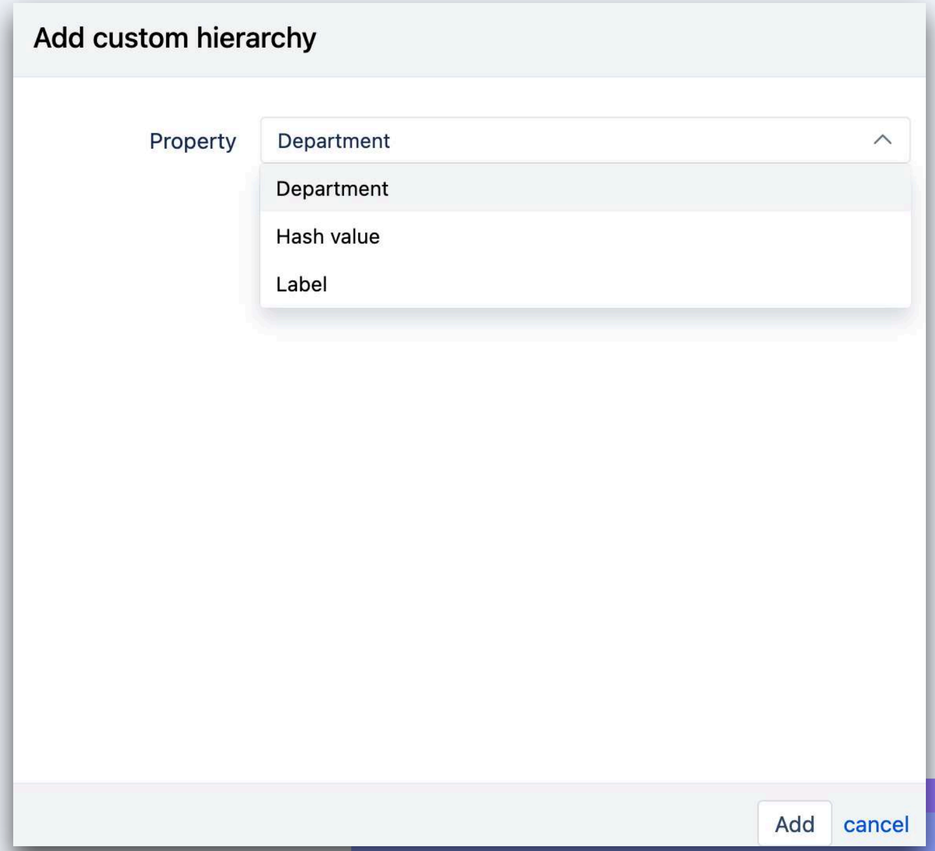


Additional settings for Assets custom fields

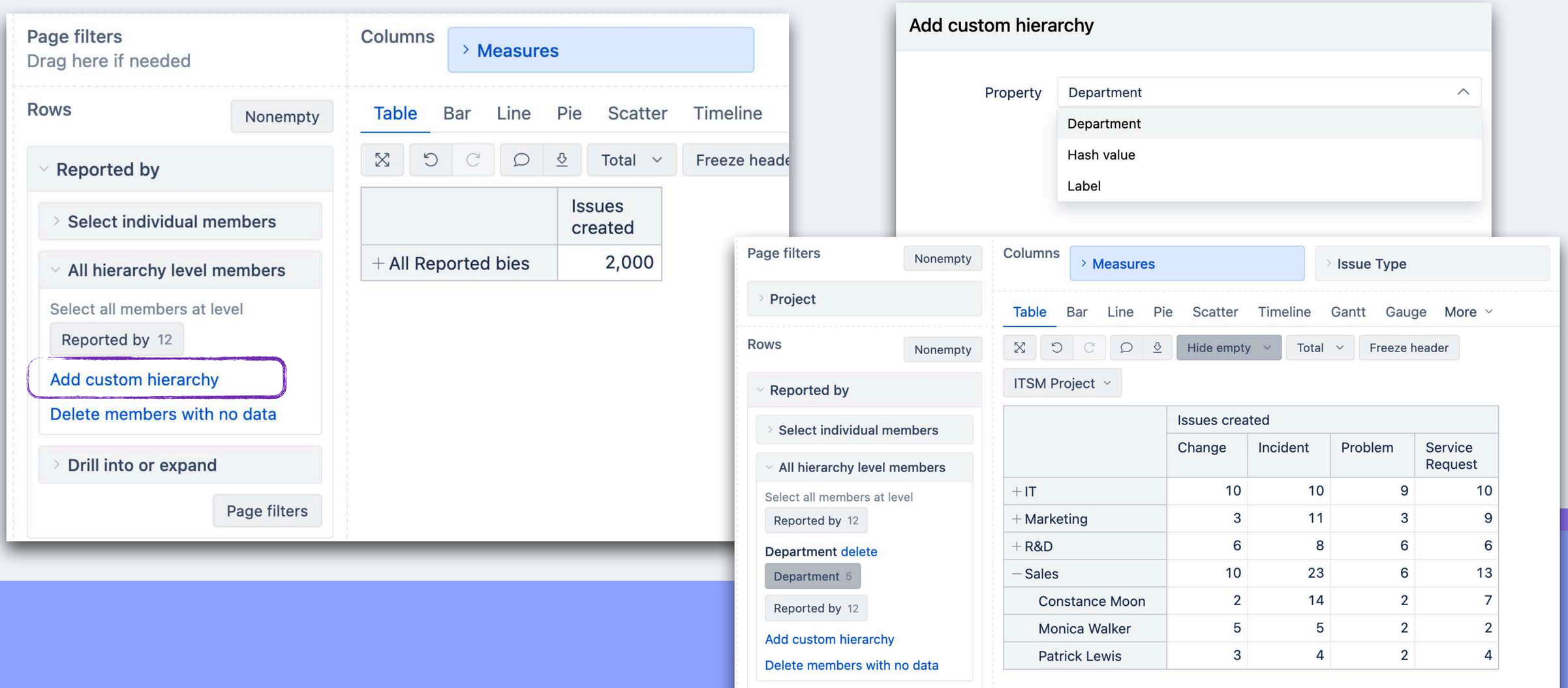


Custom hierarchies in Assets custom fields

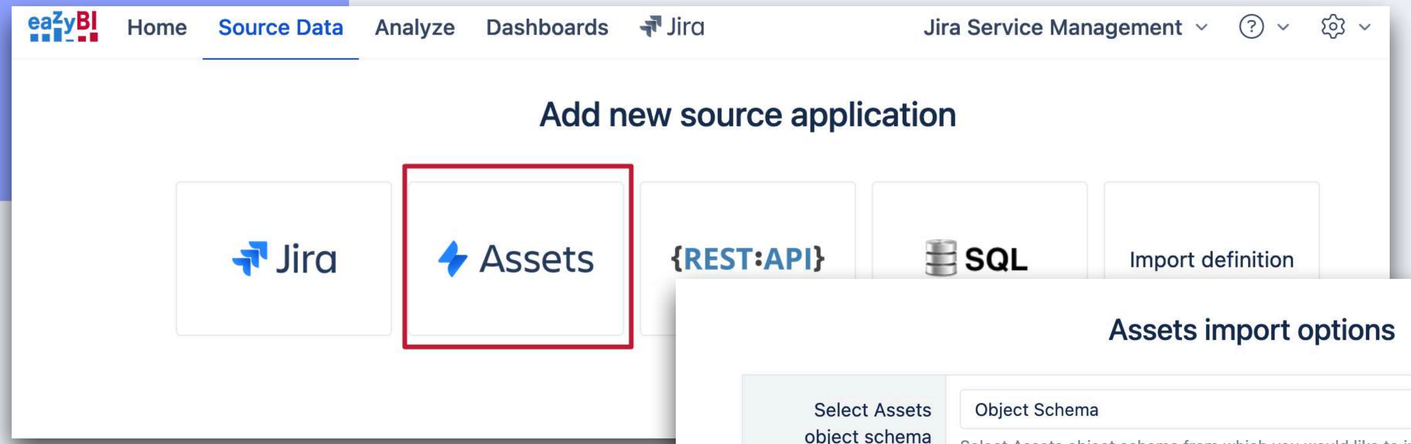


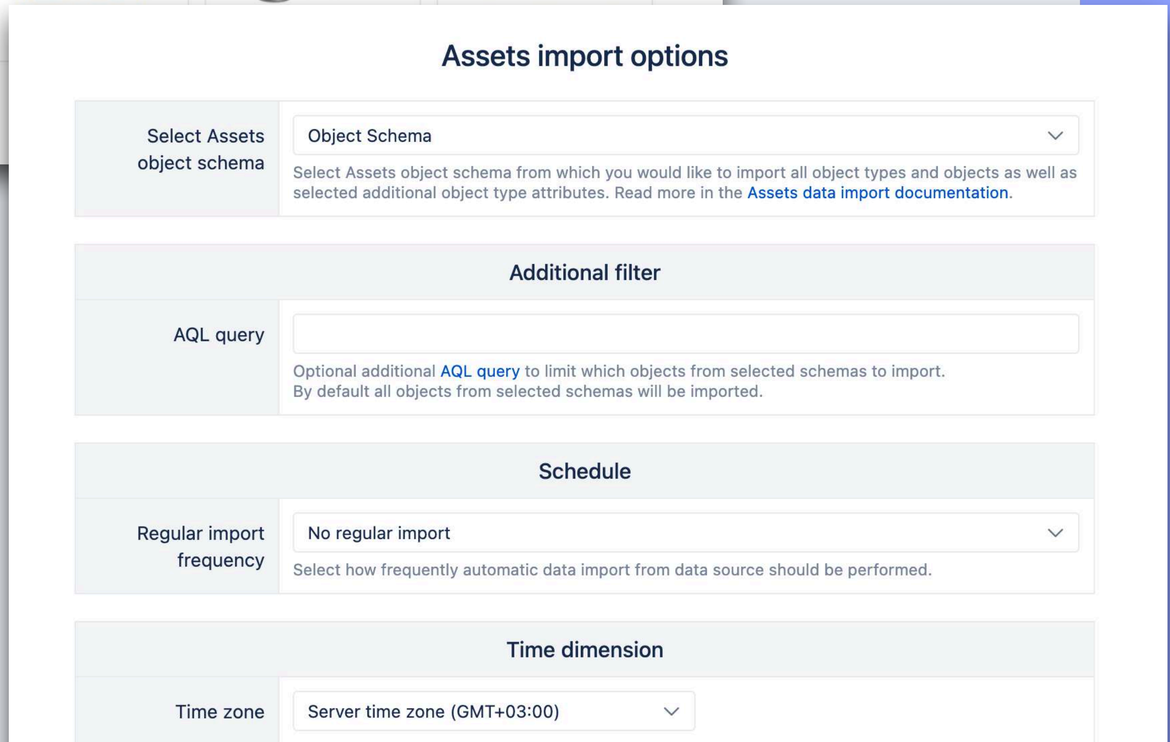


Custom hierarchies in Assets custom fields

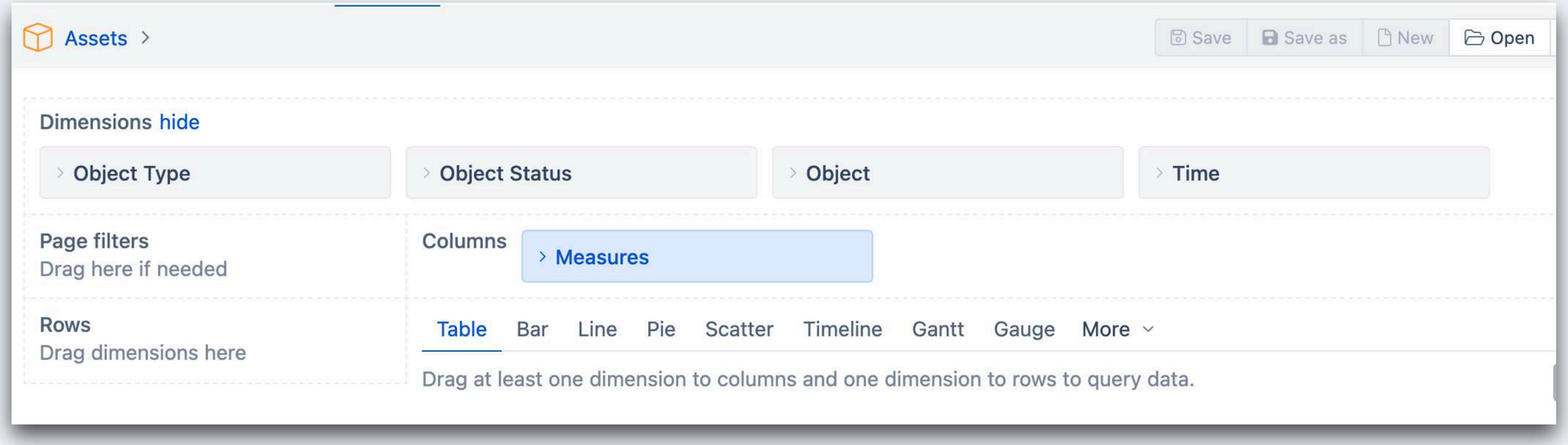


Assets object schema import

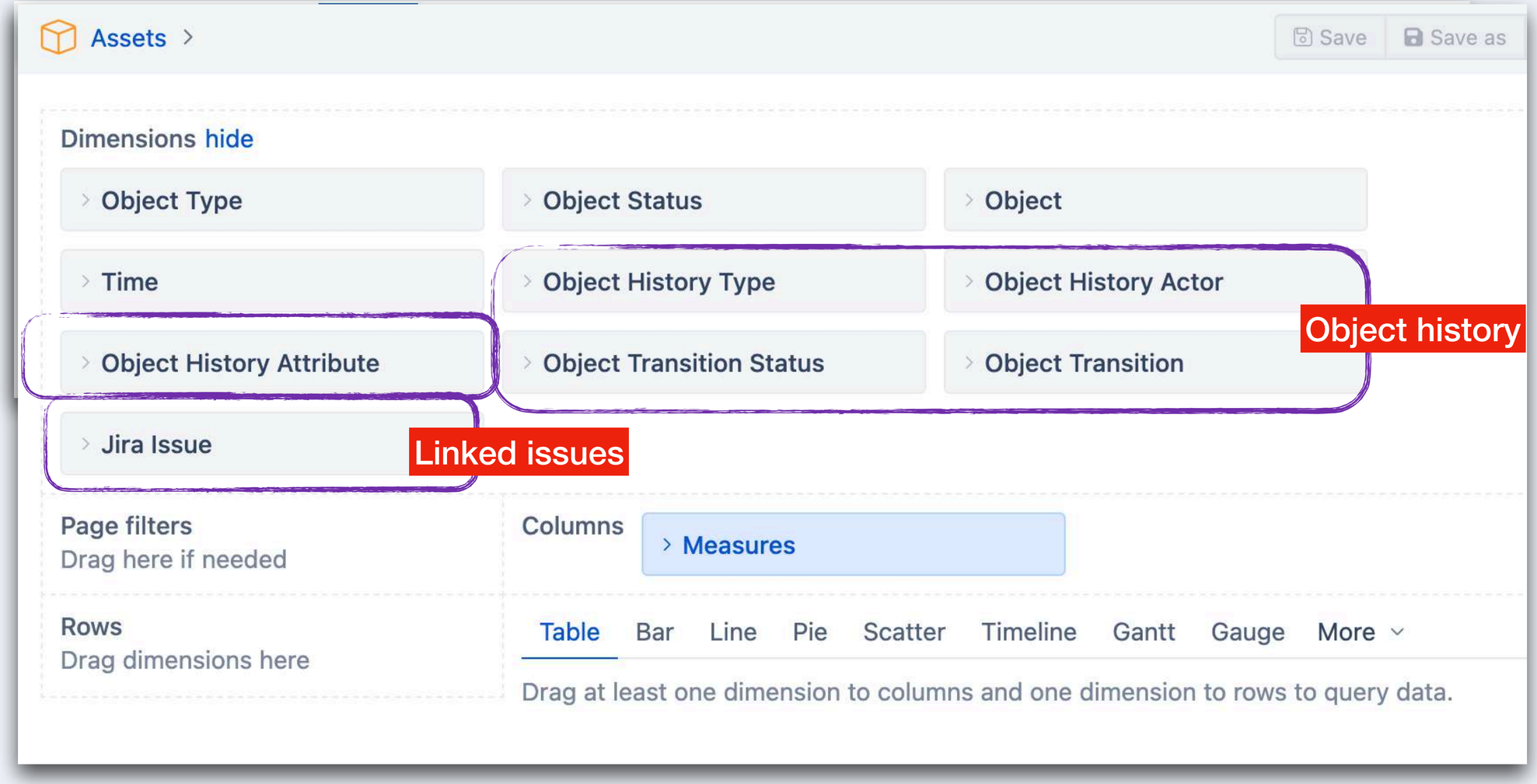




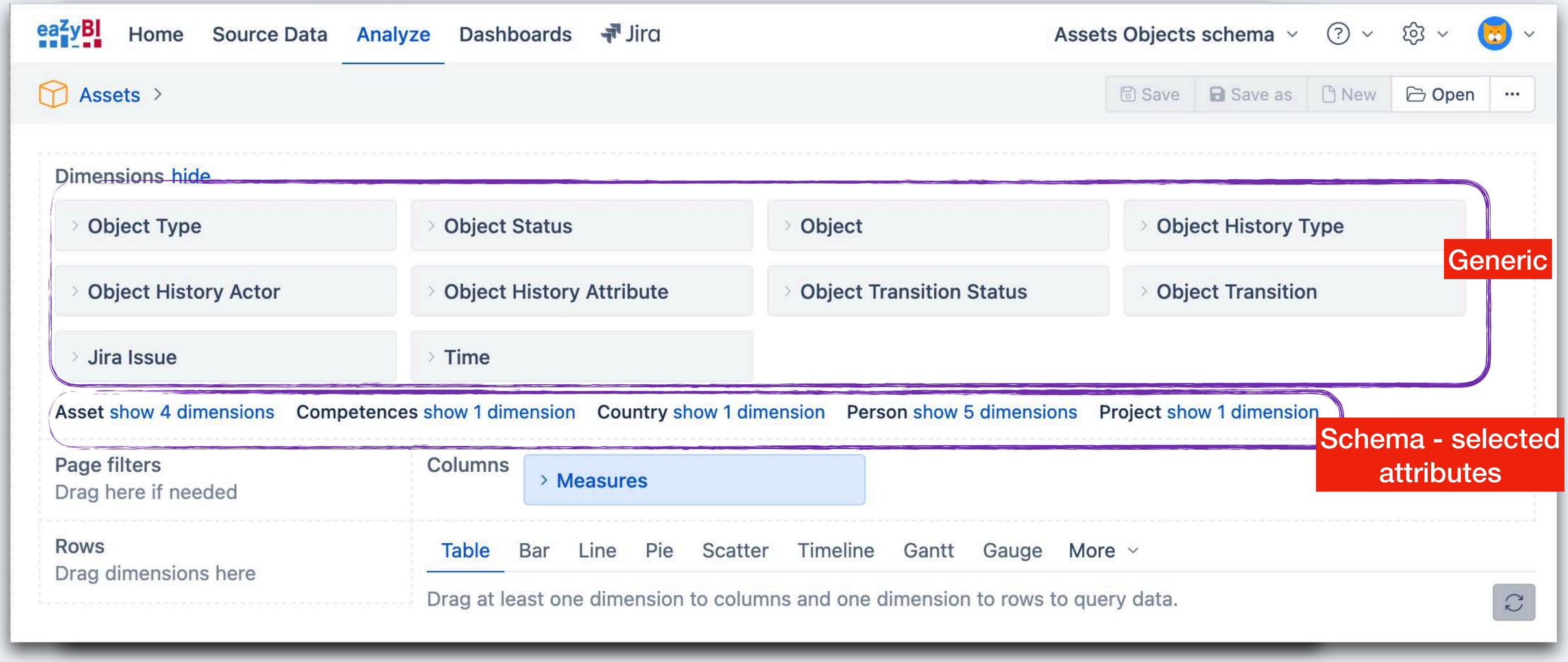
Assets data model in eazyBI



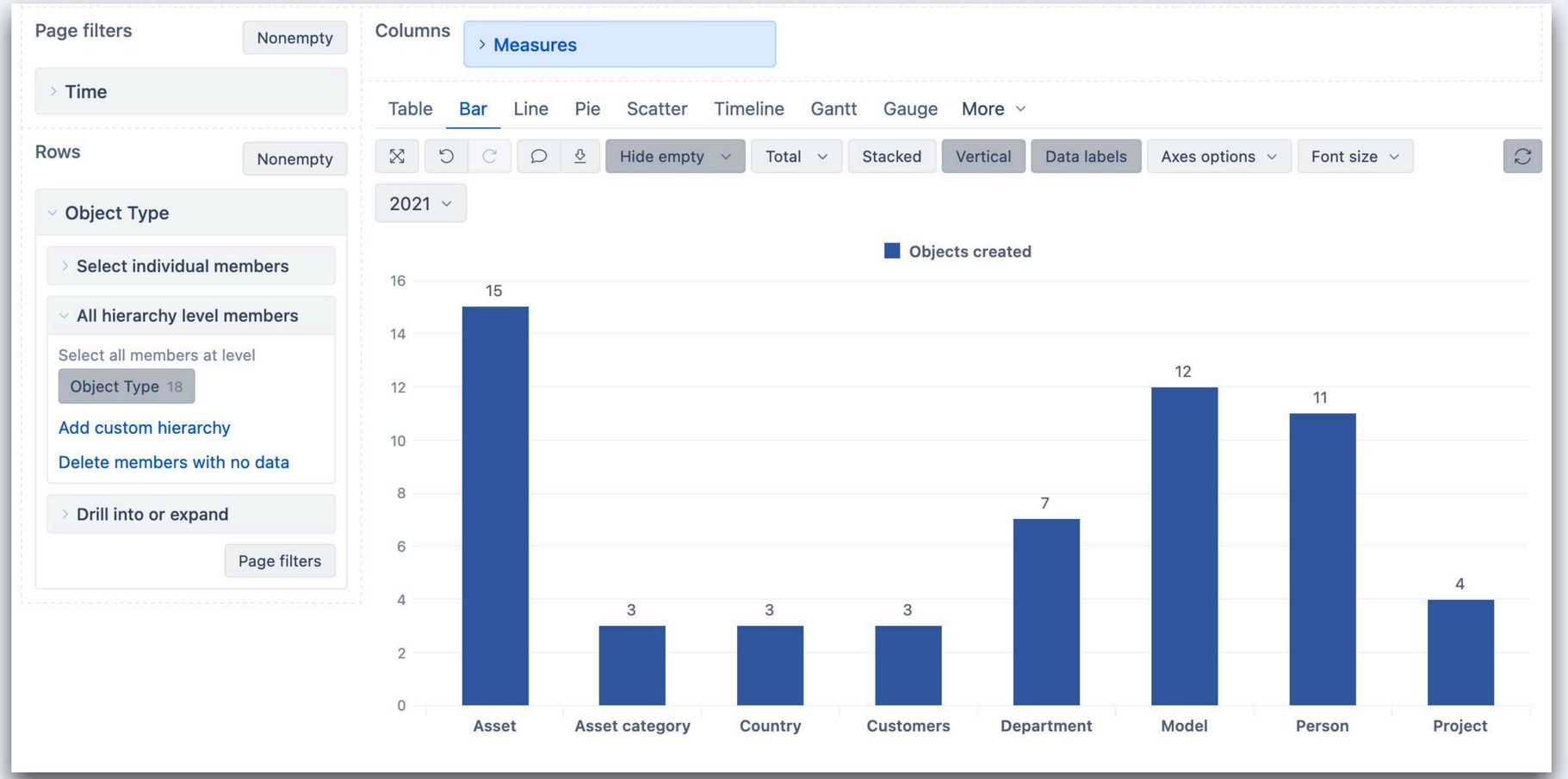
Assets data model in eazyBI



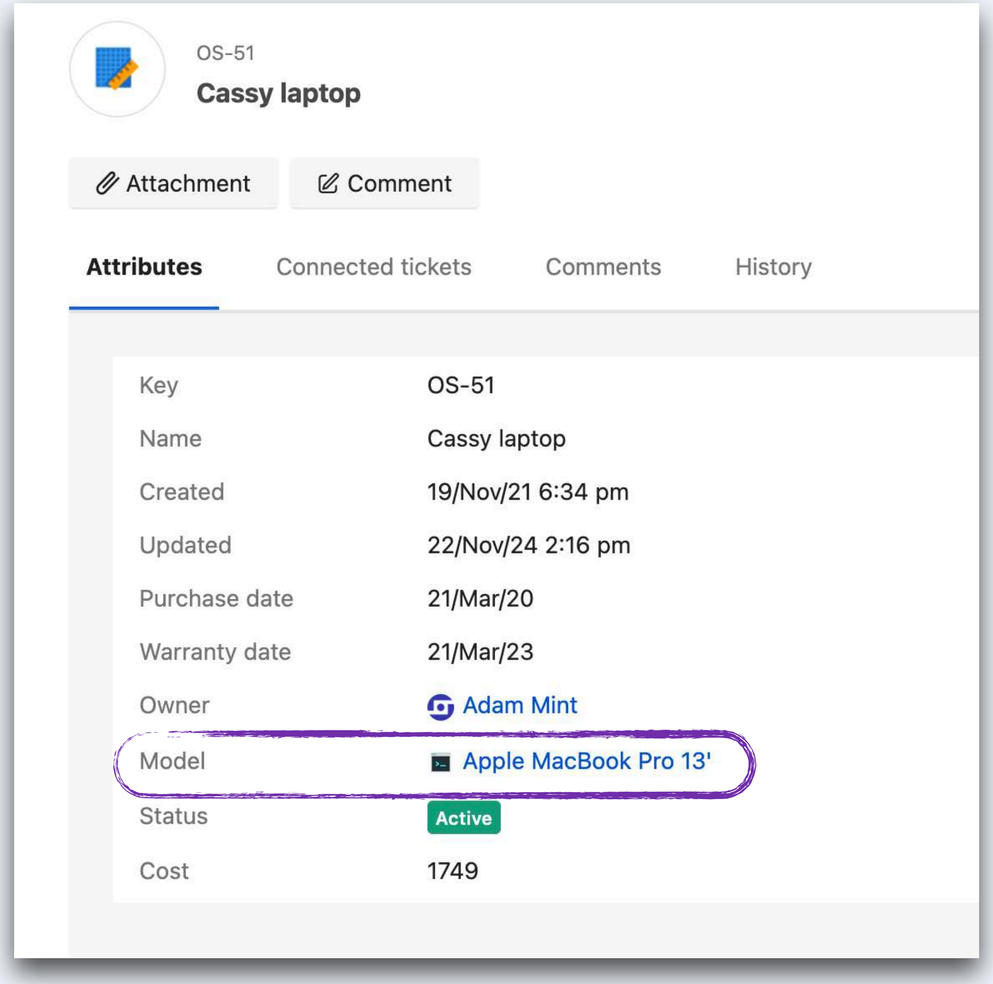
Assets data model in eazyBI



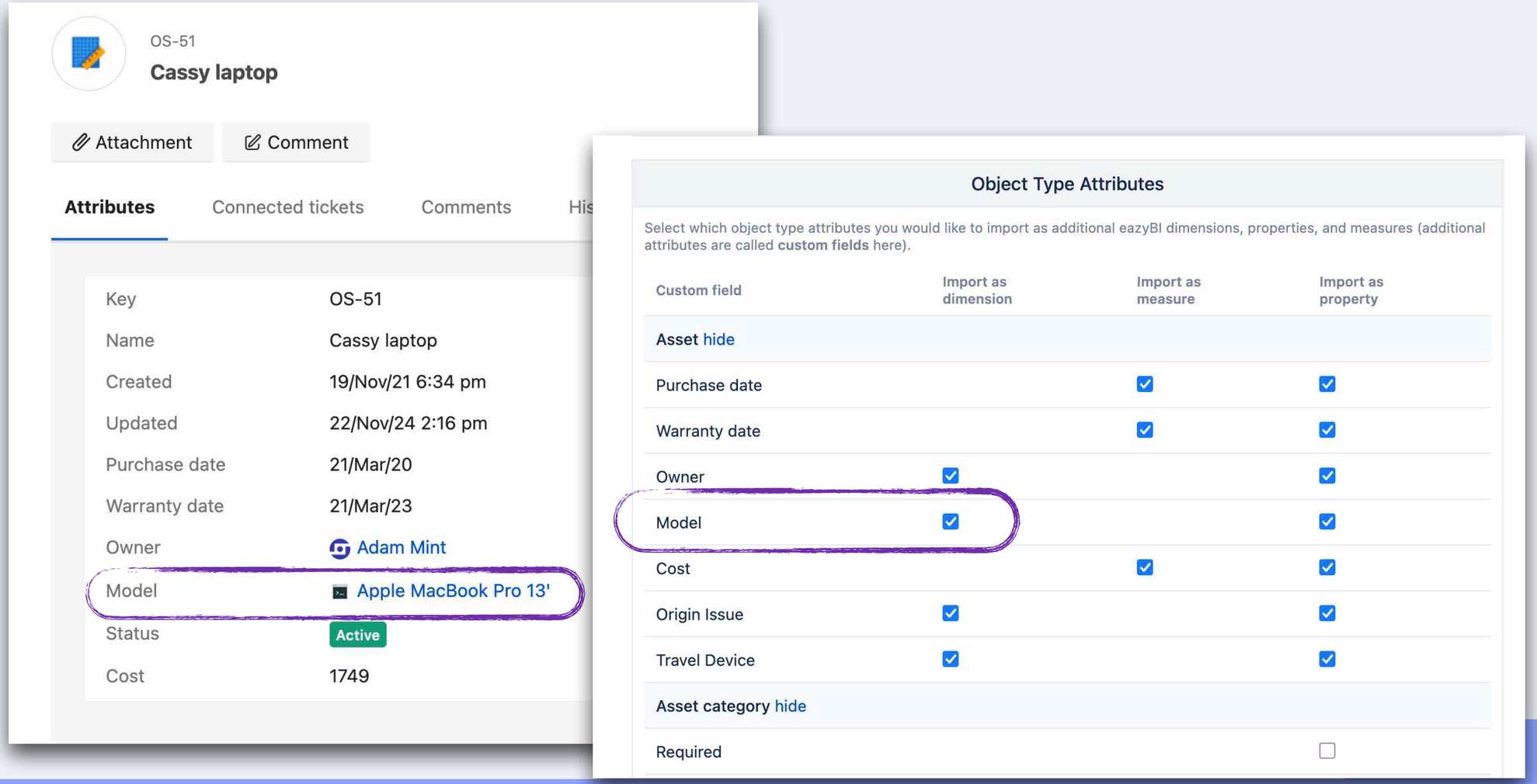
Basic reports



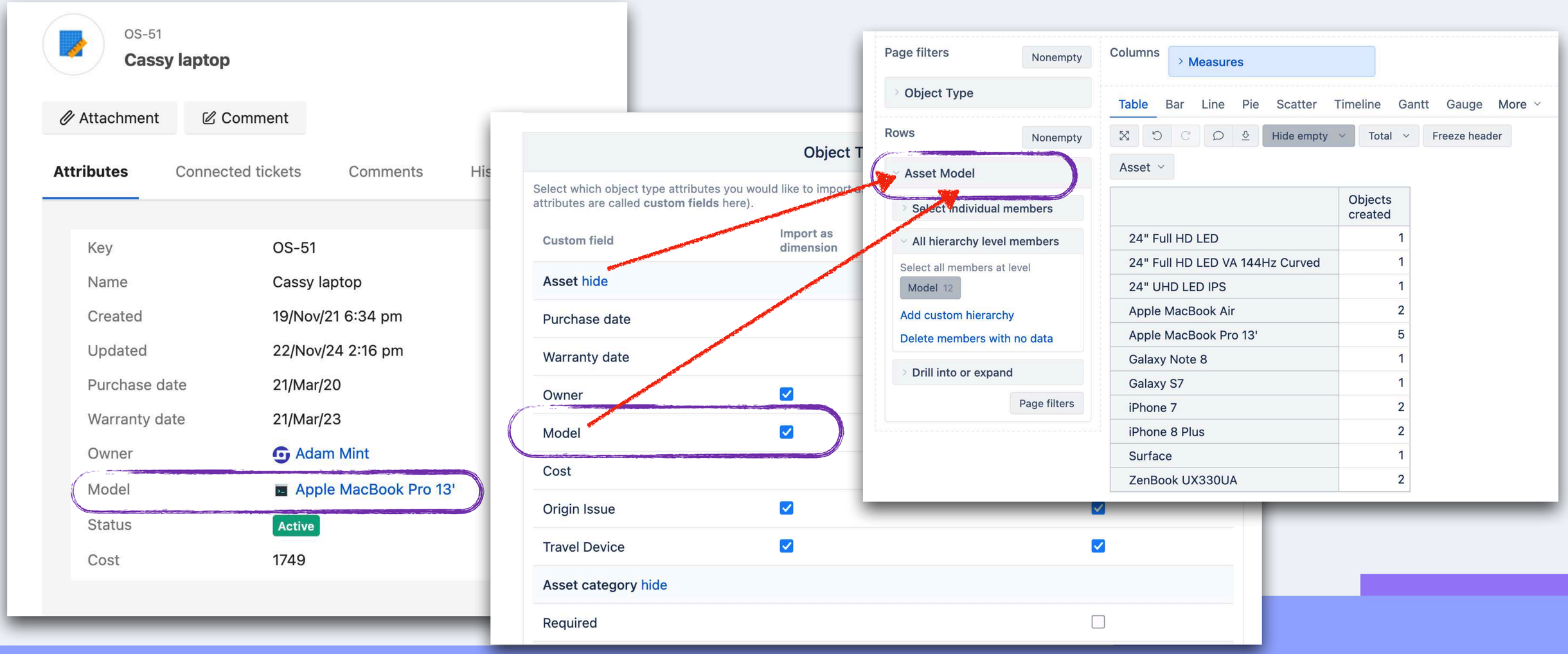
Basic report (simple links)



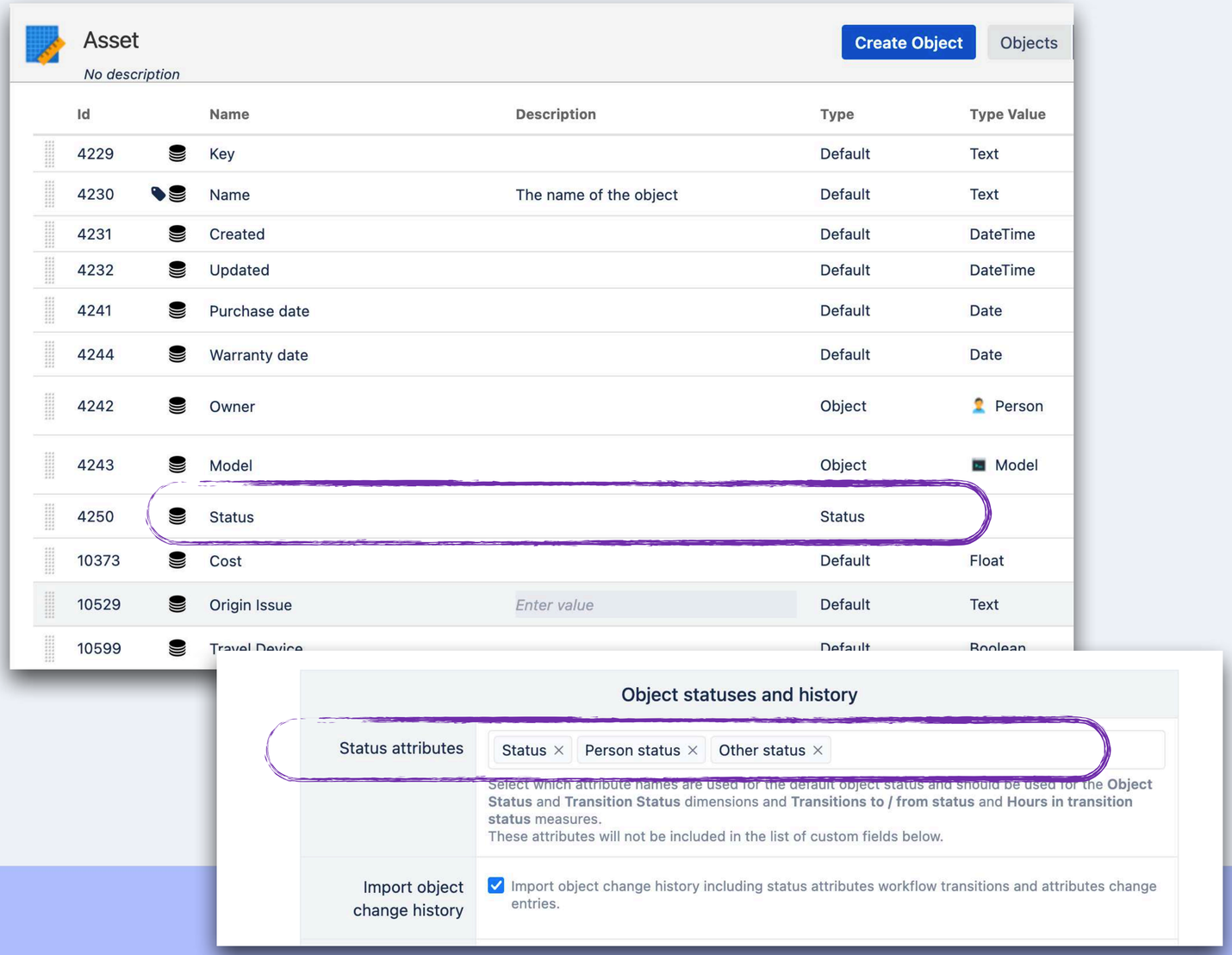
Basic report (simple links)



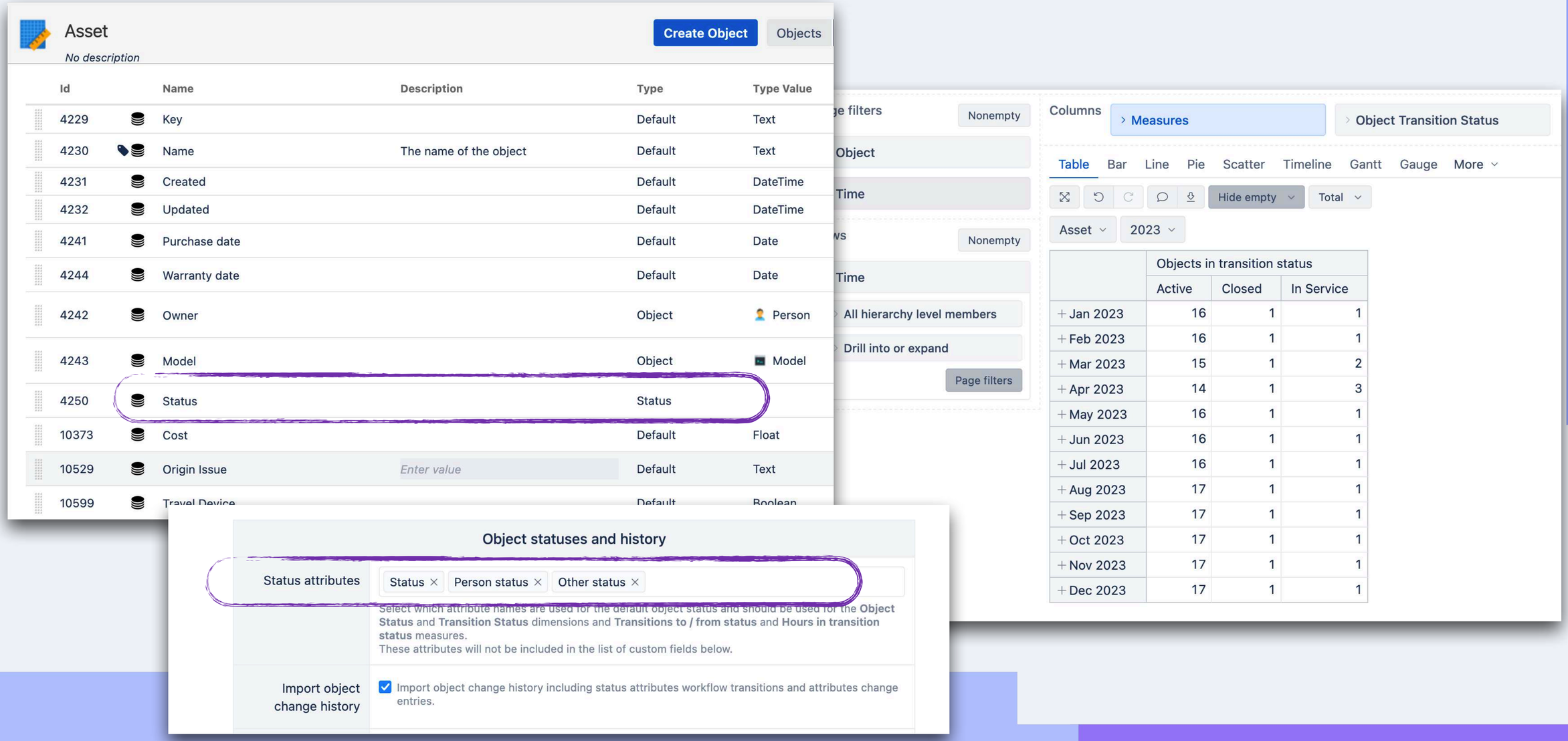
Basic report (simple links)



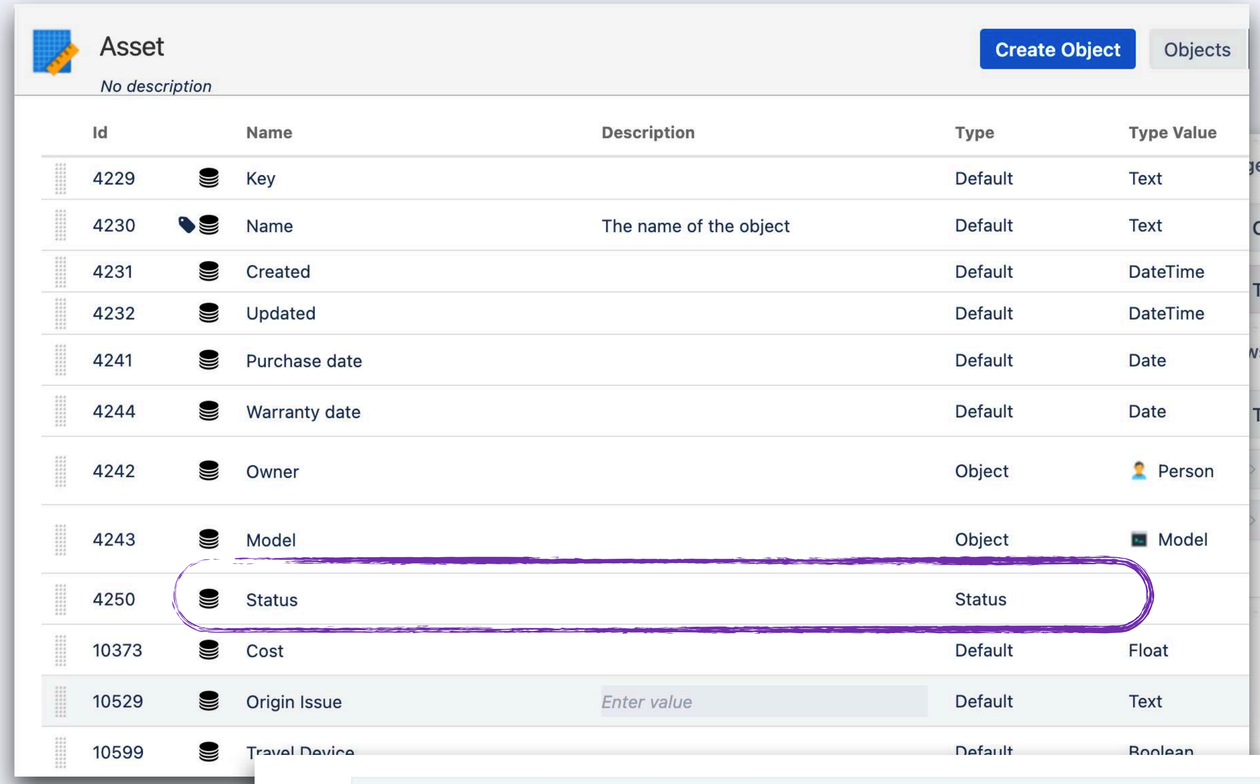
Object history reports

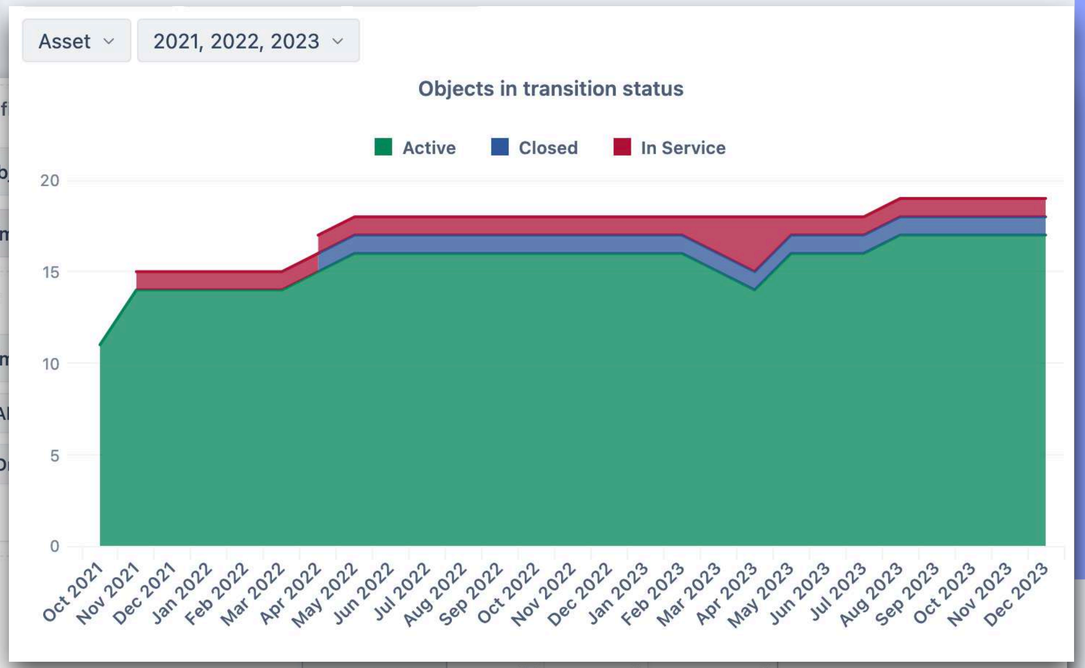


Object history reports

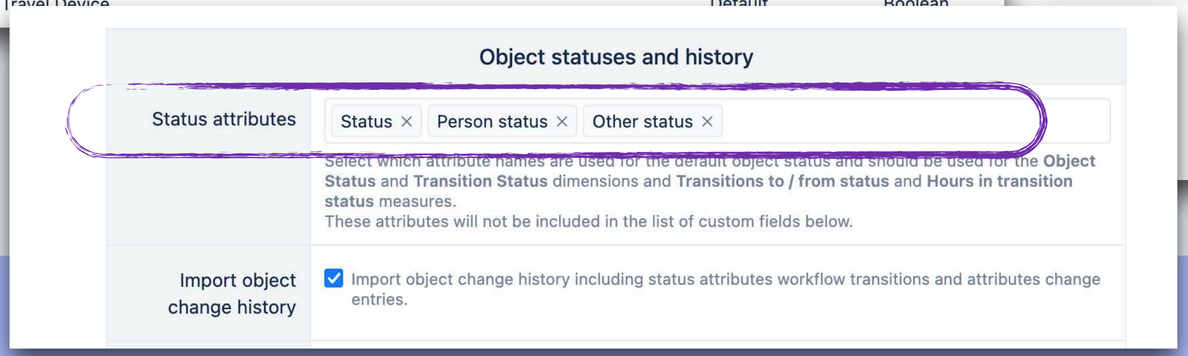


Object history reports

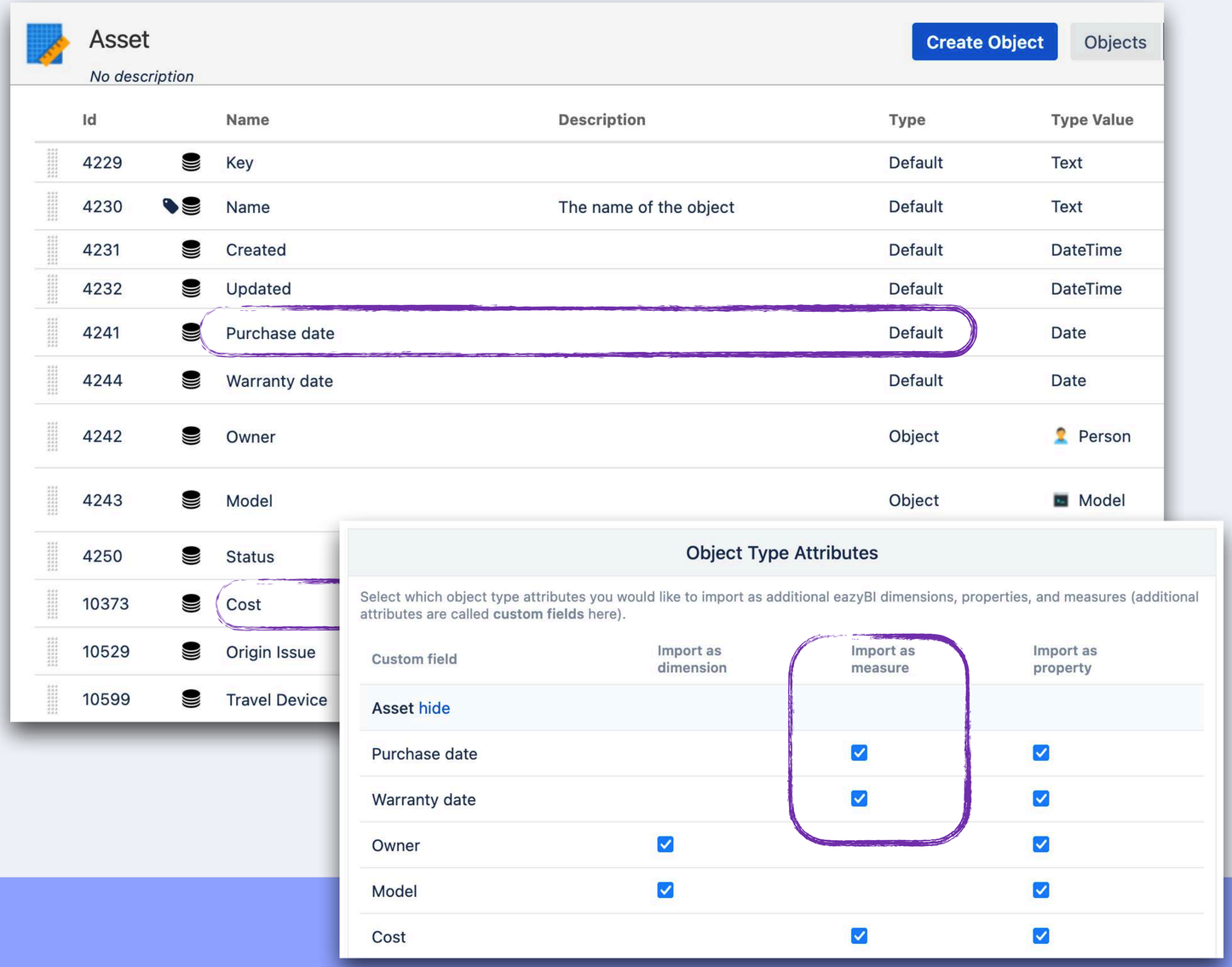




+ Aug 2023	17	1	1
+ Sep 2023	17	1	1
+ Oct 2023	17	1	1
+ Nov 2023	17	1	1
+ Dec 2023	17	1	1



Reports with numerics and dates



Asset

No description

Create Object | Objects

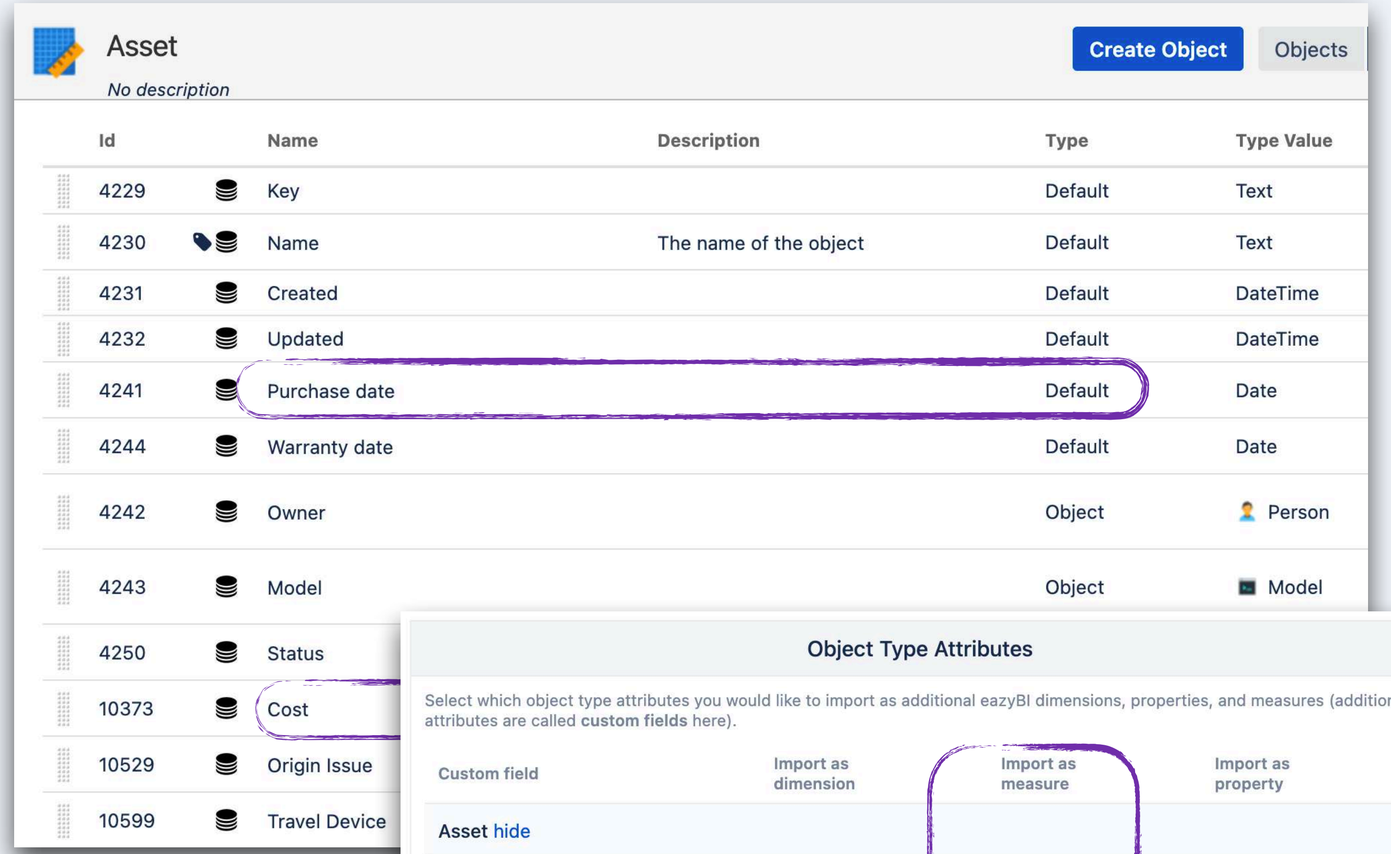
Id	Name	Description	Type	Type Value
4229	Key		Default	Text
4230	Name	The name of the object	Default	Text
4231	Created		Default	DateTime
4232	Updated		Default	DateTime
4241	Purchase date		Default	Date
4244	Warranty date		Default	Date
4242	Owner		Object	Person
4243	Model		Object	Model
4250	Status			
10373	Cost			
10529	Origin Issue			
10599	Travel Device			

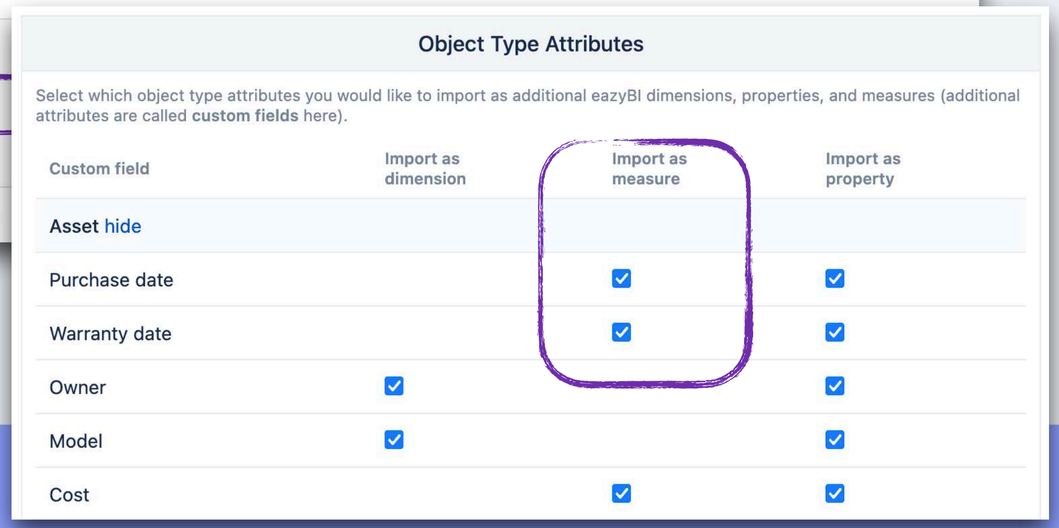
Object Type Attributes

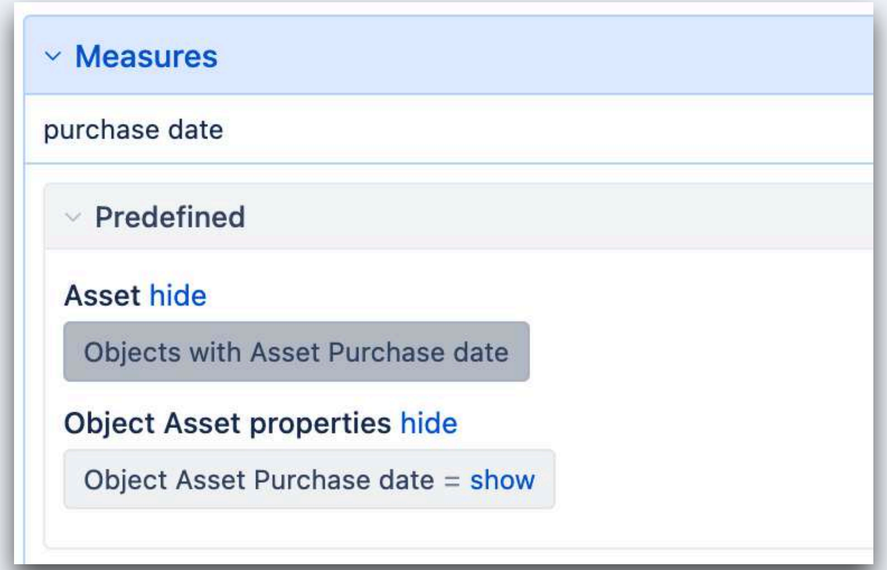
Select which object type attributes you would like to import as additional eazyBI dimensions, properties, and measures (additional attributes are called **custom fields** here).

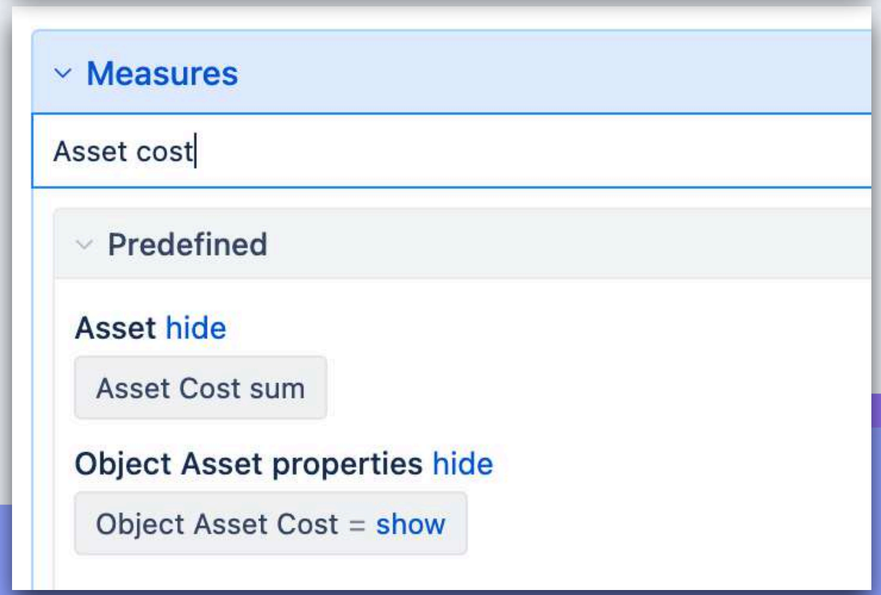
Custom field	Import as dimension	Import as measure	Import as property
Asset hide			
Purchase date		☑	☑
Warranty date		☑	☑
Owner	☑		☑
Model	☑		☑
Cost		☑	☑

Reports with numerics and dates



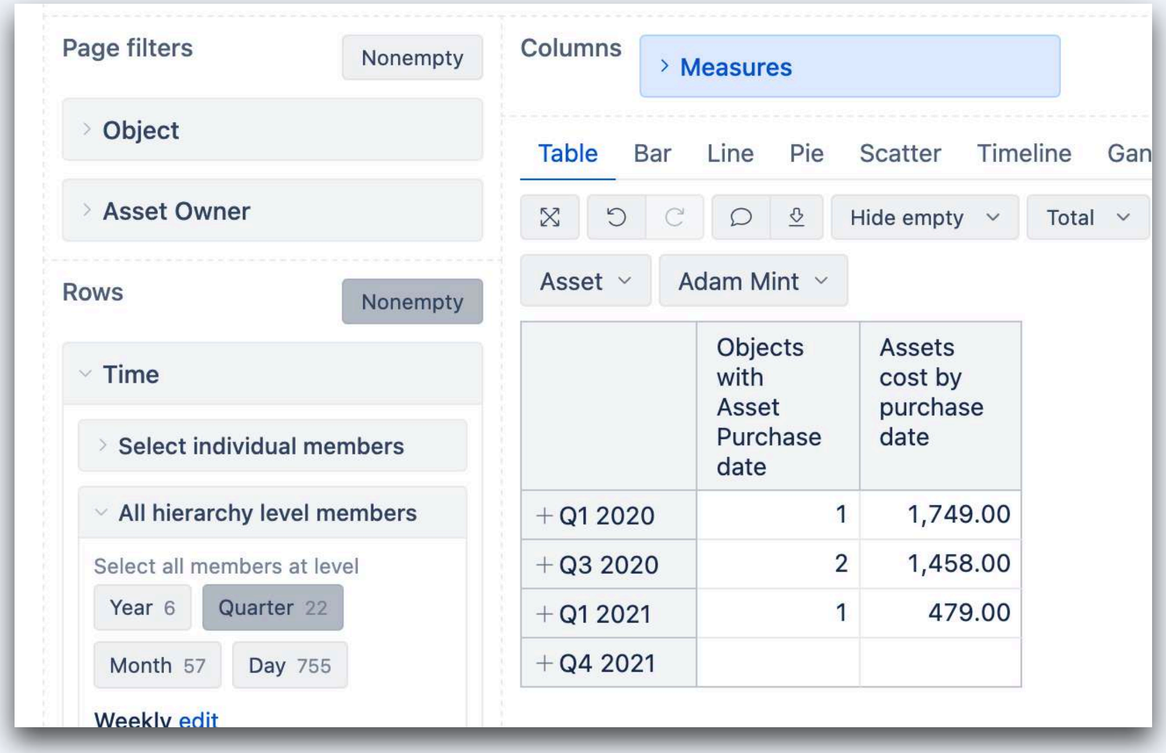






Reports with numerics and dates

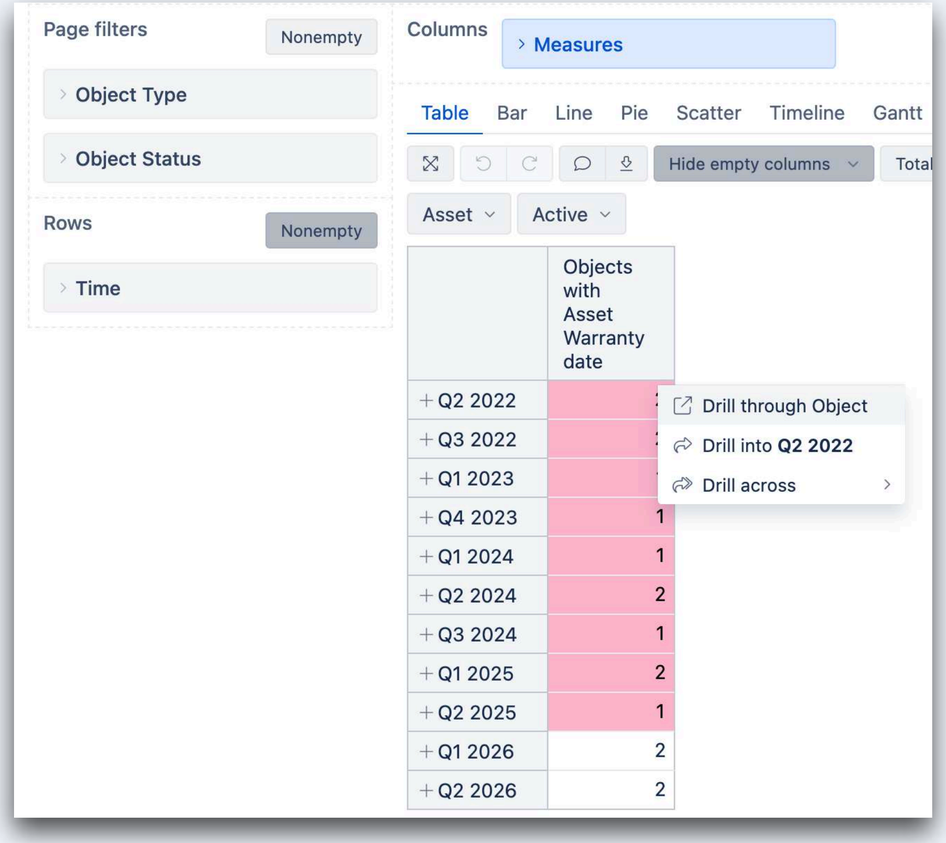
Asset cost by asset purchase date

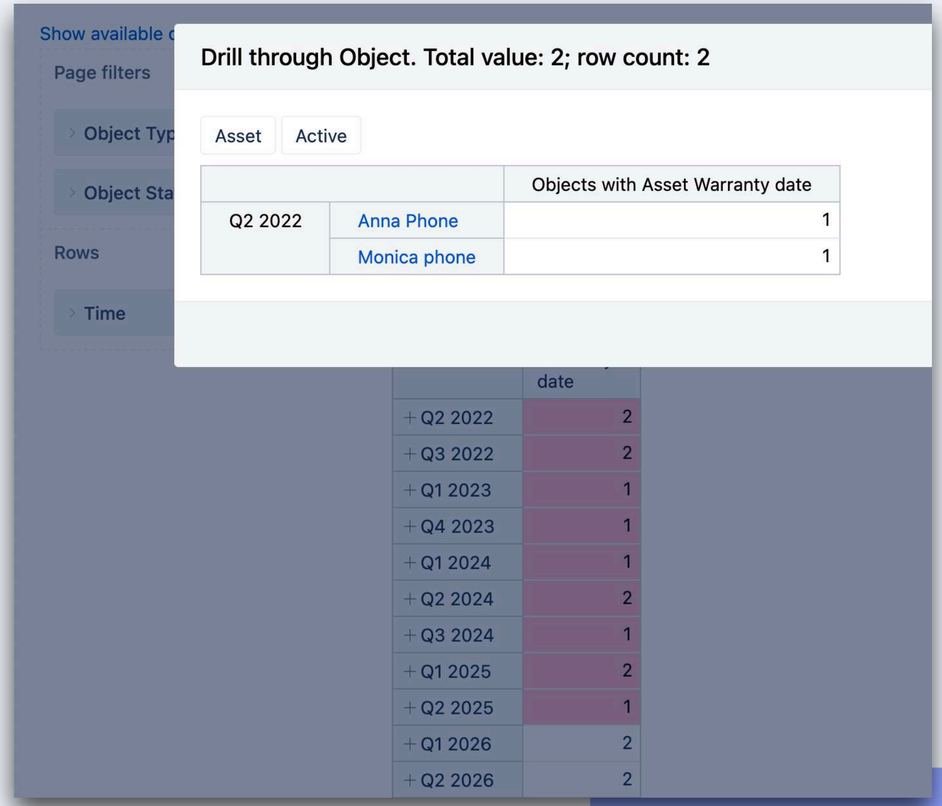



```
Sum(
  Filter(
    Descendants([Object].CurrentMember,[Object].[Object]),
    DateInPeriod([Measures].[Object Asset Purchase  date],
    [Time].CurrentHierarchyMember)
  ),
  ([Measures].[Asset Cost sum],
  [Time].CurrentHierarchy.DefaultMember)
)
```

Reports with numerics and dates

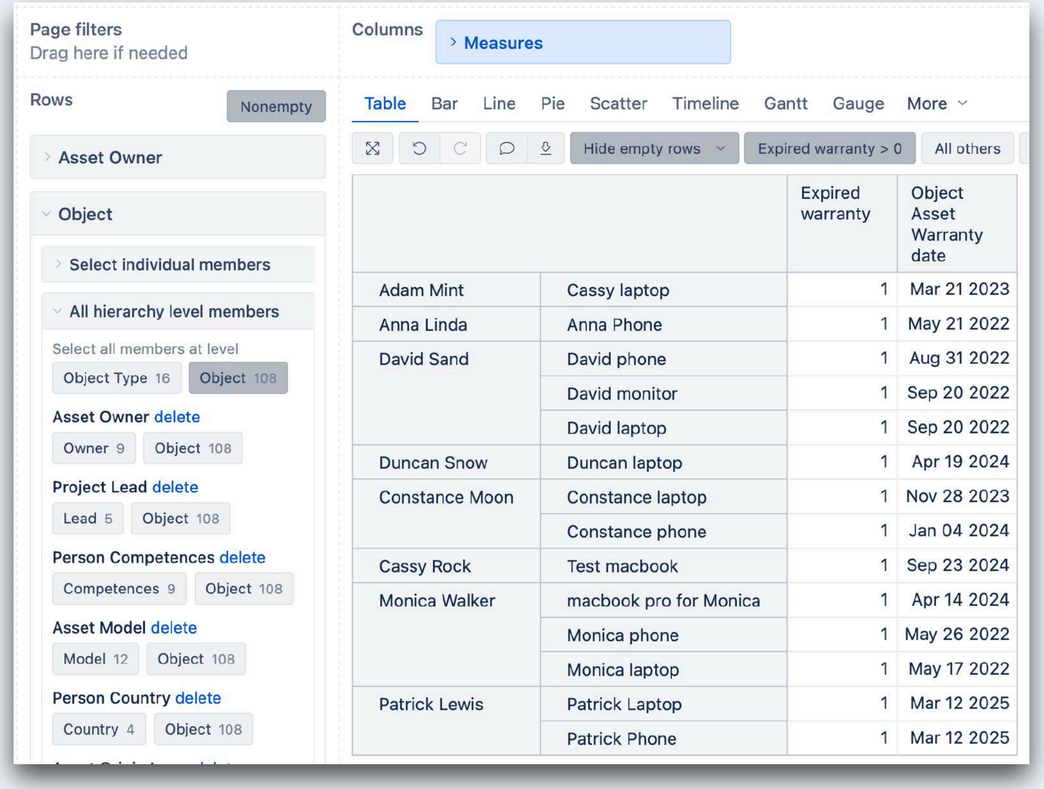
Assets with warranty end dates





Reports with numerics and dates

Assets with expired warranty end dates



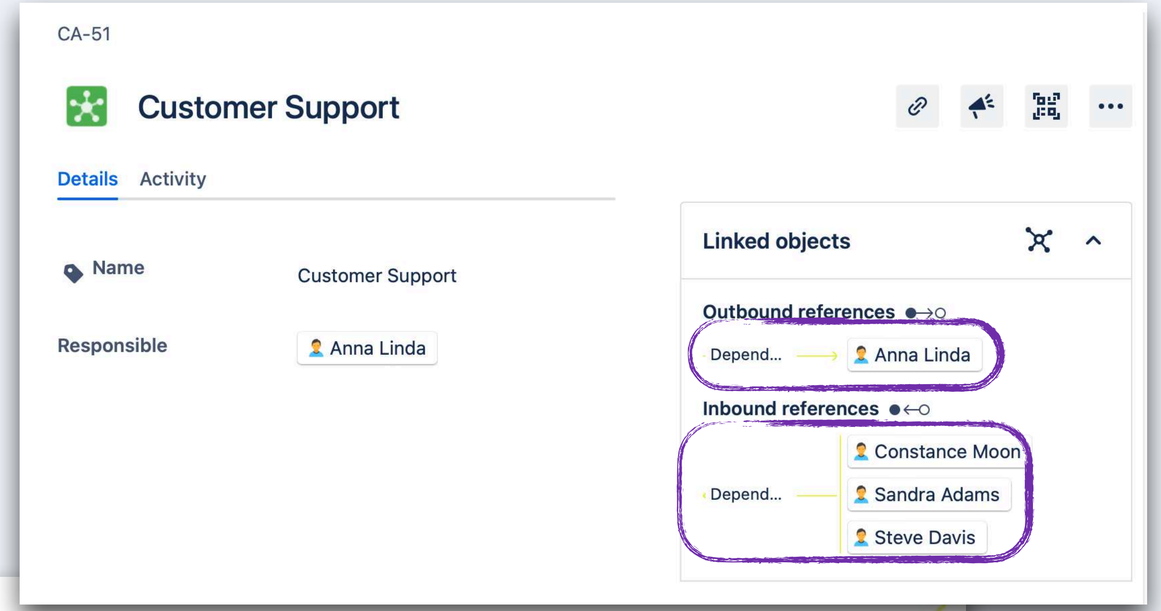
		Expired warranty	Object Asset Warranty date
Adam Mint	Cassy laptop	1	Mar 21 2023
Anna Linda	Anna Phone	1	May 21 2022
David Sand	David phone	1	Aug 31 2022
	David monitor	1	Sep 20 2022
	David laptop	1	Sep 20 2022
Duncan Snow	Duncan laptop	1	Apr 19 2024
Constance Moon	Constance laptop	1	Nov 28 2023
	Constance phone	1	Jan 04 2024
Cassy Rock	Test macbook	1	Sep 23 2024
Monica Walker	macbook pro for Monica	1	Apr 14 2024
	Monica phone	1	May 26 2022
	Monica laptop	1	May 17 2022
Patrick Lewis	Patrick Laptop	1	Mar 12 2025
	Patrick Phone	1	Mar 12 2025

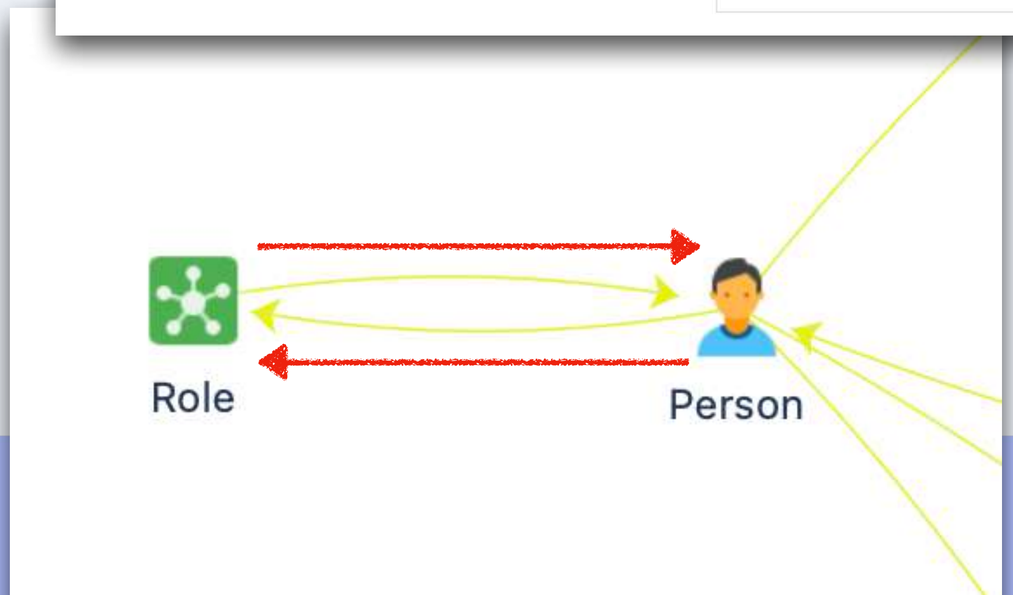
```
Sum (
  PreviousPeriods([Time].[Day].CurrentDateMember),
  [Measures].[Objects with Asset Warranty date]
)
```

Use cases: next level

- Inbound vs. outbound links
- Multiple inbound links
- Several link levels (outbound/ inbound)

One level inbound/outbound links





One level inbound/outbound links

CA-51

Customer Support

Details Activity

Name: Customer Support

Responsible: Anna Linda

Linked objects

Outbound references
Depend... → Anna Linda

Inbound references
Depend... ← Constance Moon, Sandra Adams, Steve Davis

Page filters: Nonempty
Object

Rows: Nonempty
Object
Role Responsible

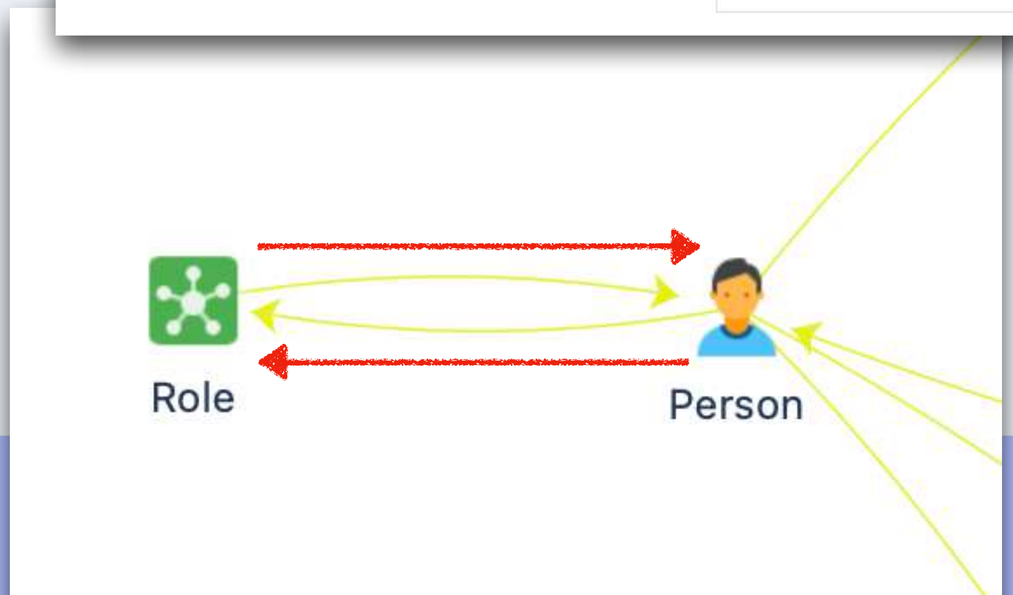
Columns: Measures

Table | Bar | Line | Pie | Scatter | Timeline | Gantt | Gauge

Total | Freeze header

Customer Support

		Objects created
Customer Support	Anna Linda	1



Page filters: Nonempty
Person Role

Rows: Nonempty
Person Role
Object

Columns: Measures

Table | Bar | Line | Pie | Scatter | Timeline | Gantt | Gauge | More

Total | Freeze header

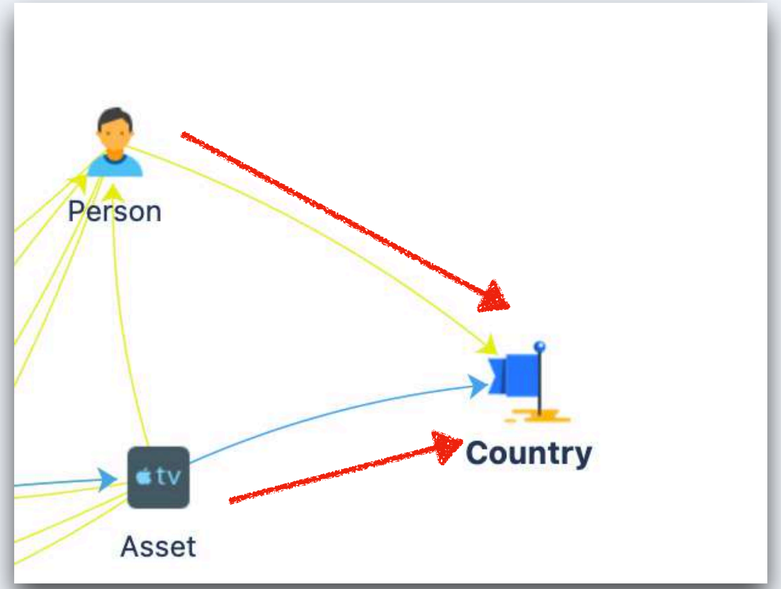
Customer Support

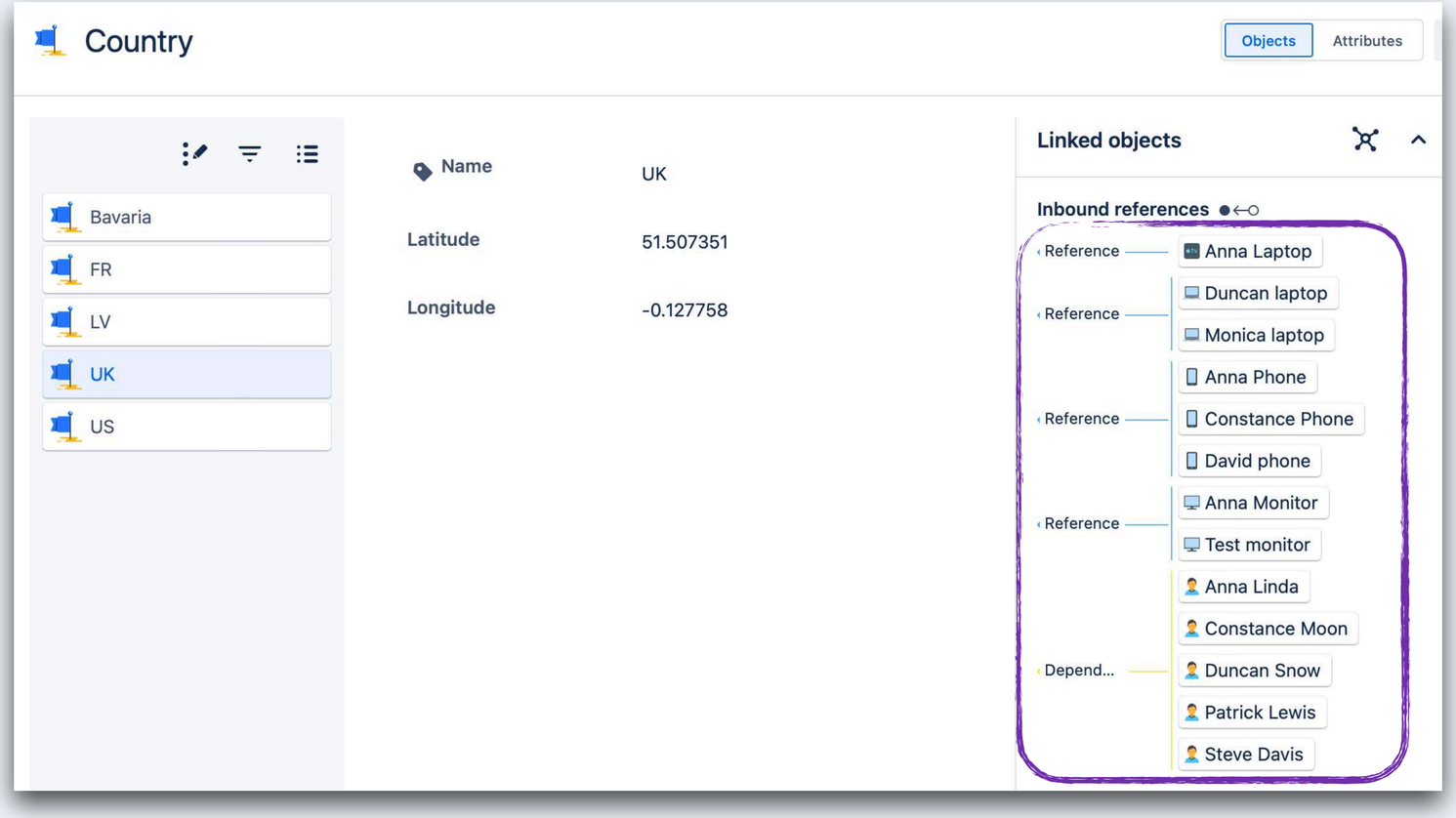
		Objects created
Customer Support	Steve Davis	1
	Constance Moon	1
	Sandra Adams	1

?

Multiple inbound links

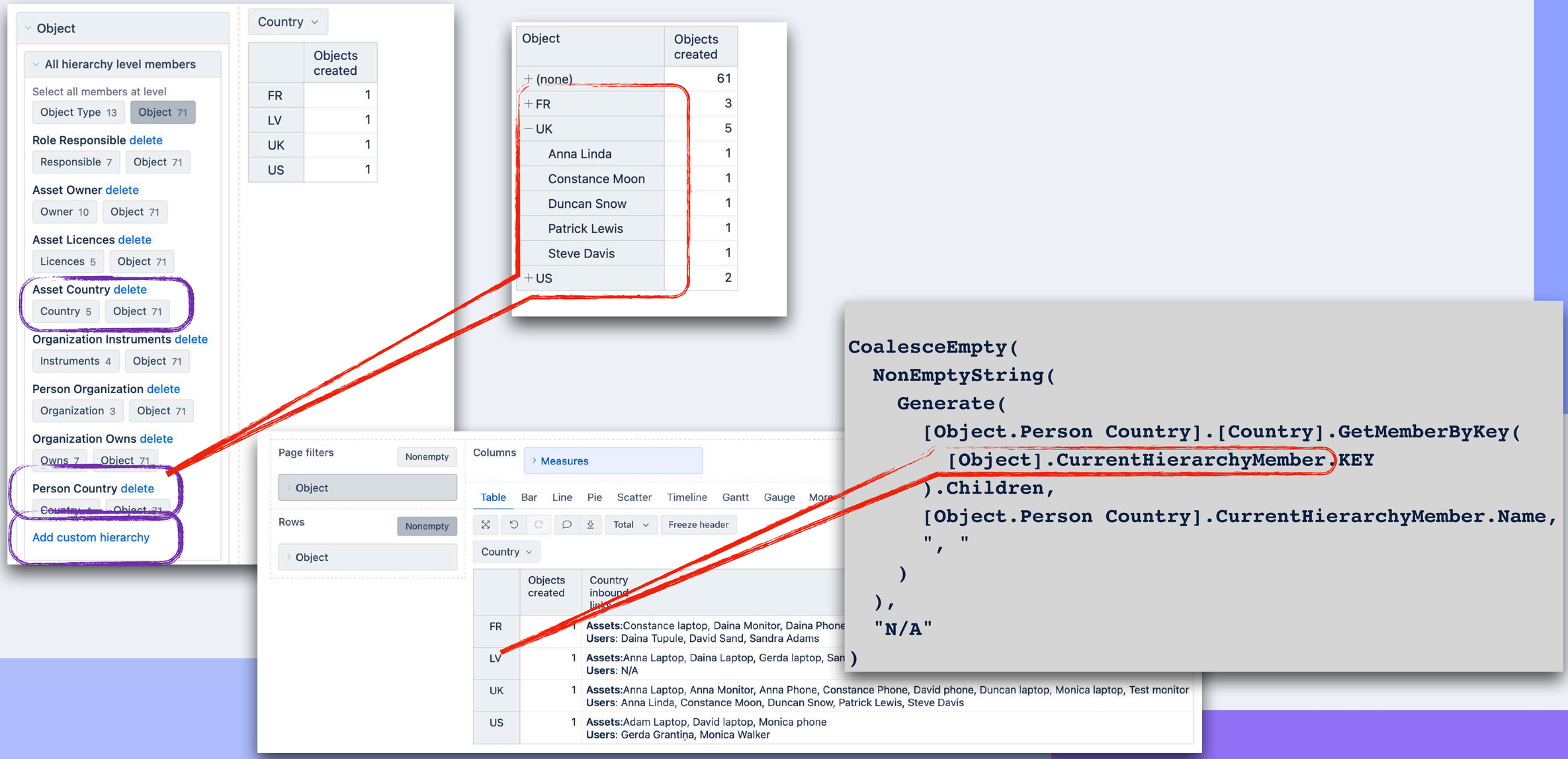
Show “everything” from each country





Multiple inbound links

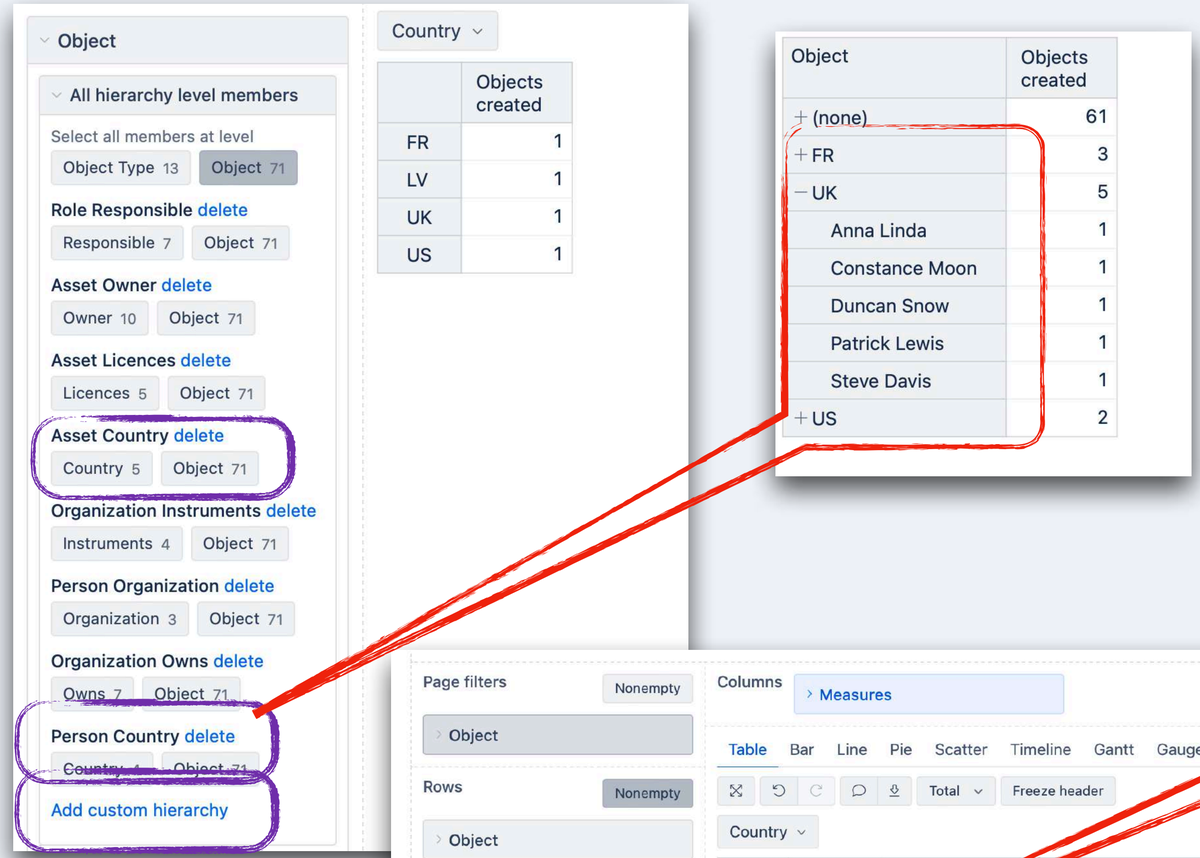
Build custom hierarchies from outbound links




```
CoalesceEmpty(
  NonEmptyString(
    Generate(
      [Object.Person Country].[Country].GetMemberByKey(
        [Object].CurrentHierarchyMember.KEY
      ).Children,
      [Object.Person Country].CurrentHierarchyMember.Name,
      ", "
    )
  ),
  "N/A"
)
```

Multiple inbound links

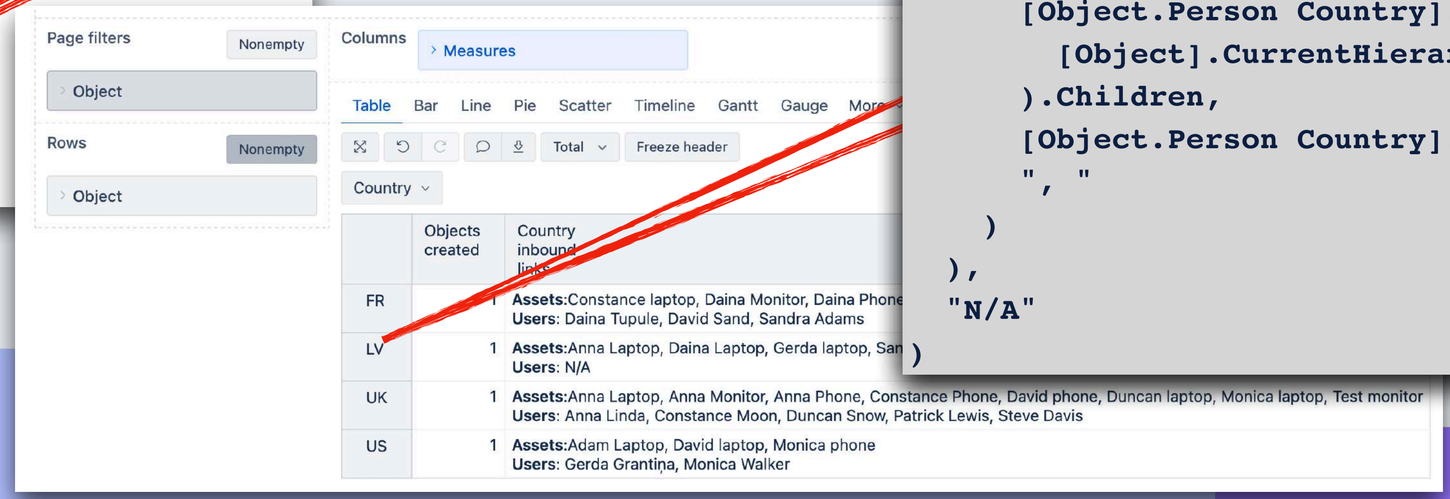
Build custom hierarchies from outbound links



Country

	Objects created
FR	1
LV	1
UK	1
US	1

Object	Objects created
+ (none)	61
+ FR	3
− UK	5
Anna Linda	1
Constance Moon	1
Duncan Snow	1
Patrick Lewis	1
Steve Davis	1
+ US	2



	Objects created	Country inbound links
FR	1	**Assets:**Constance laptop, Daina Monitor, Daina Phone **Users**: Daina Tupule, David Sand, Sandra Adams
LV	1	**Assets:**Anna Laptop, Daina Laptop, Gerda laptop, San **Users**: N/A
UK	1	**Assets:**Anna Laptop, Anna Monitor, Anna Phone, Constance Phone, David phone, Duncan laptop, Monica laptop, Test monitor **Users**: Anna Linda, Constance Moon, Duncan Snow, Patrick Lewis, Steve Davis
US	1	**Assets:**Adam Laptop, David laptop, Monica phone **Users**: Gerda Grantiņa, Monica Walker

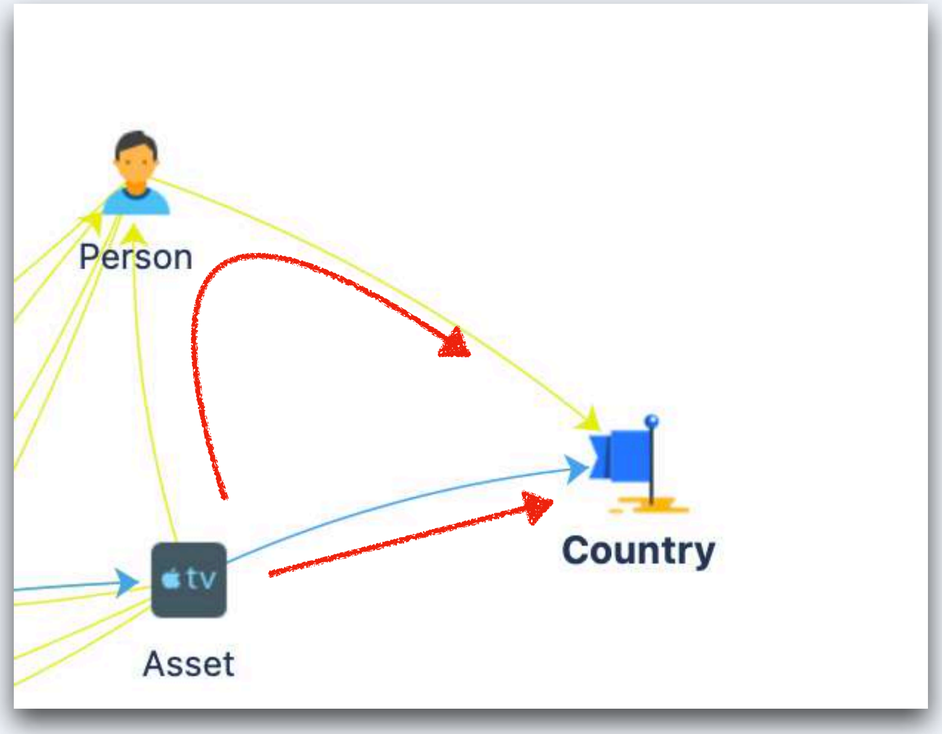
```
"**Assets**:"||
CHR(10)||
CoalesceEmpty(
  NonEmptyString(
    Generate(
      [Object.Asset Country].[Country].GetMemberByKey(
        [Object].CurrentHierarchyMember.KEY
      ).Children,
      [Object.Asset Country].CurrentHierarchyMember.Name,
      ", "
    )
  ),
  "N/A"
)

||
CHR(10)
|| "**Users**: "||
CoalesceEmpty(
  NonEmptyString(
    Generate(
      [Object.Person Country].[Country].GetMemberByKey(
        [Object].CurrentHierarchyMember.KEY
      ).Children,
      [Object.Person Country].CurrentHierarchyMember.Name,
      ", "
    )
  ),
  "N/A"
)
```

Several link levels

How many (and which) assets are “used abroad”?

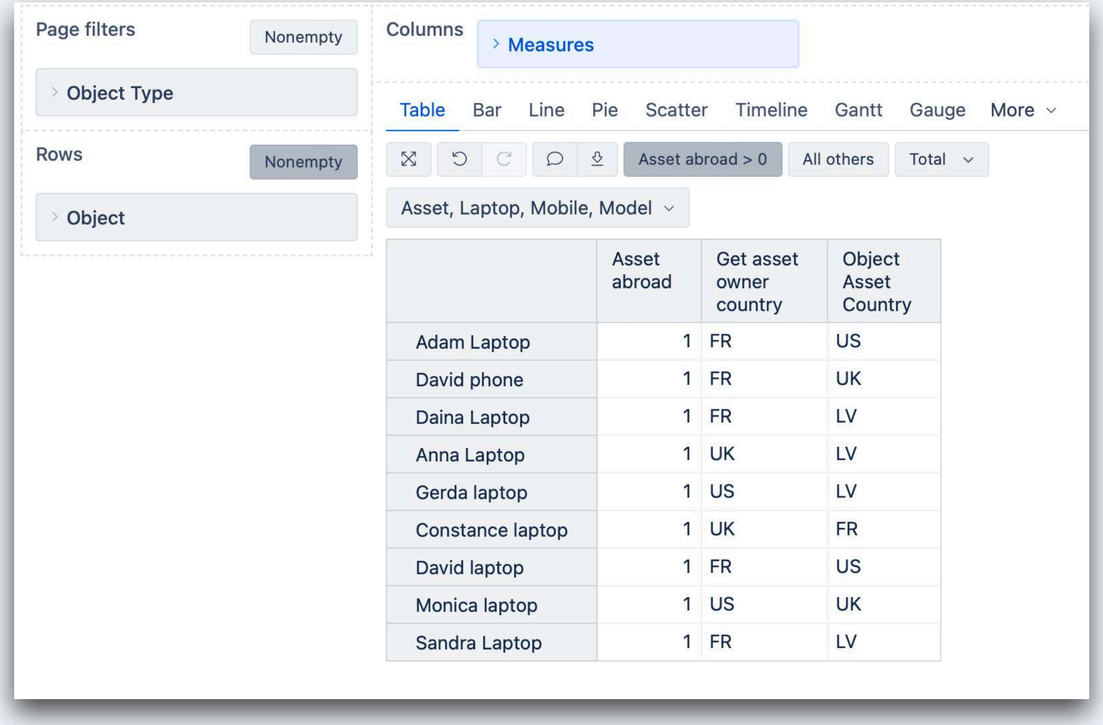
Find assets where country does no match the asset owner country



Several link levels

Navigate the single value outbound links

```
CASE WHEN
 [Measures].[Object Asset Country]
<>
[Object].[Object].GetMemberByKey(
  [Object].[Object].GetMemberByKey(
    [Object].CurrentMember.get('Asset Owner')
  ).get('Person Country')
).Name
THEN
  [Measures].[Objects created]
END
```

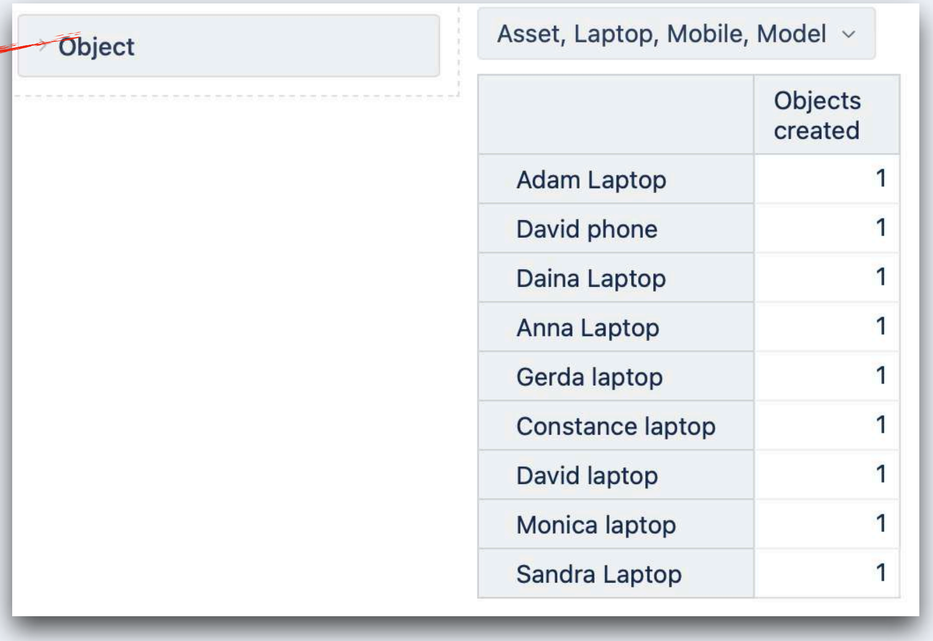


	Asset abroad	Get asset owner country	Object Asset Country
Adam Laptop	1	FR	US
David phone	1	FR	UK
Daina Laptop	1	FR	LV
Anna Laptop	1	UK	LV
Gerda laptop	1	US	LV
Constance laptop	1	UK	FR
David laptop	1	FR	US
Monica laptop	1	US	UK
Sandra Laptop	1	FR	LV

Several link levels

Navigate the single value outbound links

```
[Object].[Object].GetMemberByKey(
  [Object].CurrentMember.get('Asset Owner')
).Name
```



Several link levels

Navigate the single value outbound links

```
[Object].[Object].GetMemberByKey(
  [Object].CurrentMember.get('Asset Owner')
).Name
```

Asset, Laptop, Mobile, Model

	Objects created	Asset owner (Person)
Adam Laptop	1	Daina Tupule
David phone	1	David Sand
Daina Laptop	1	Daina Tupule
Anna Laptop	1	Anna Linda
Gerda laptop	1	Gerda Grantiņa
Constance laptop	1	Constance Moon
David laptop	1	David Sand
Monica laptop	1	Monica Walker
Sandra Laptop	1	Sandra Adams

Several link levels

Navigate the single value outbound links

```
[Object].[Object].GetMemberByKey(
  [Object].CurrentMember.get('Asset Owner')
).Name
```

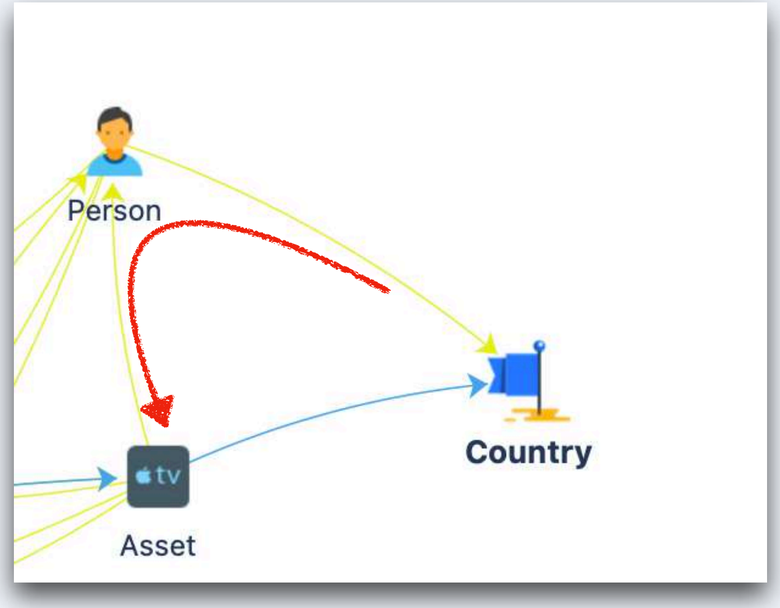
```
[Object].[Object].GetMemberByKey(
  [Object].[Object].GetMemberByKey(
    [Object].CurrentMember.get('Asset Owner')
  ).get('Person Country')
).Name
```

Asset, Laptop, Mobile, Model

	Objects created	Asset owner (Person)
Adam Laptop	1	Daina Tupule
David phone	1	David Sand
Daina Laptop	1	Daina Tupule
Anna Laptop	1	Anna Linda
Gerda laptop	1	Gerda Grantiņa
Constance laptop	1	Constance Moon
David laptop	1	David Sand
Monica laptop	1	Monica Walker
Sandra Laptop	1	Sandra Adams

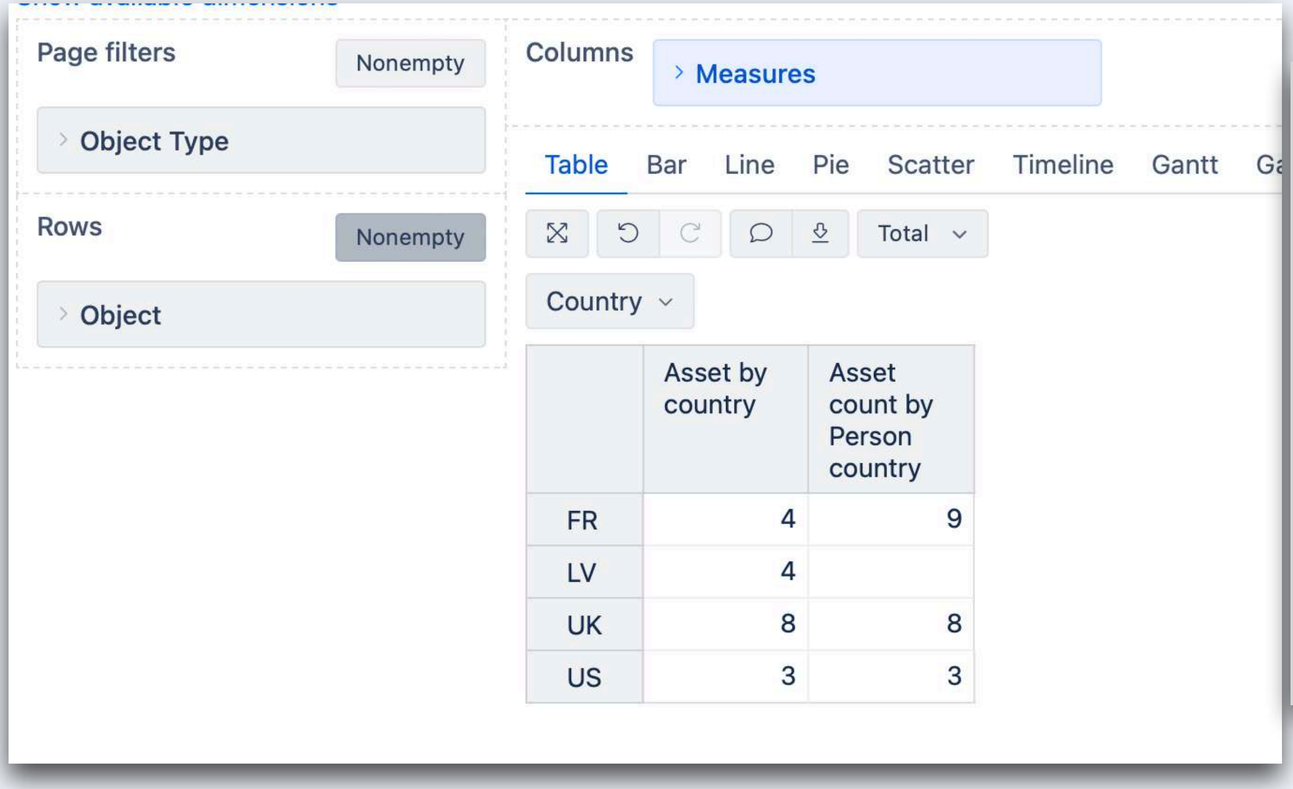
Several link levels (inbound)

Count assets per country, using the Person country



Several link levels (inbound)

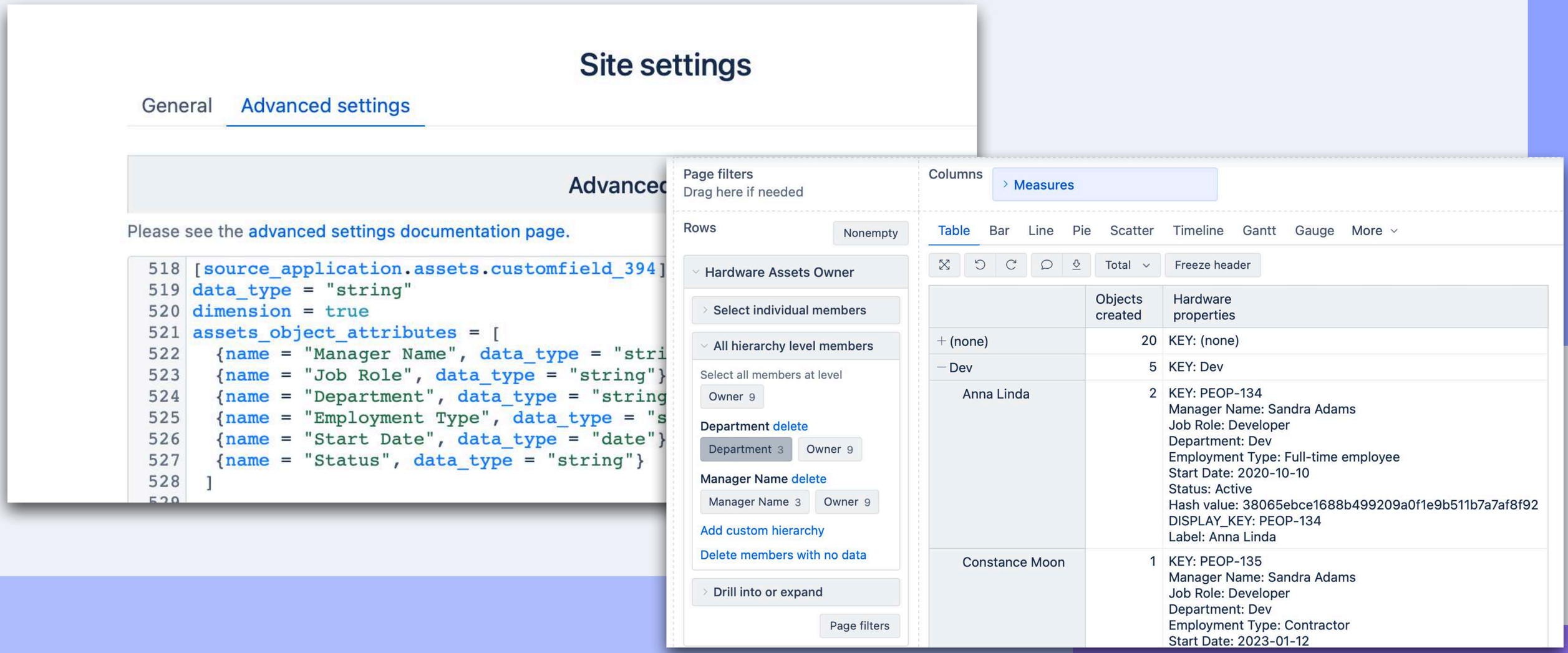
Count assets per country, using the Person country




```
NonZero(Count(
  Generate(
    [Object.Person Country].[Country].GetMemberByKey(
    [Object].CurrentHierarchyMember.KEY
  ).Children,
  [Object.Asset Owner].[Owner].GetMemberByKey(
    [Object.Person Country].CurrentHierarchyMember.Key
  ).Children
  )
))
```

One more thing...

NEW! Access to the cross schema linked objects attributes with advanced settings



Thank you!

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