

BI & Reporting: fast connect iDempiere to Metabase

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About Me



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***piere world since 2008

BrERP





Agenda

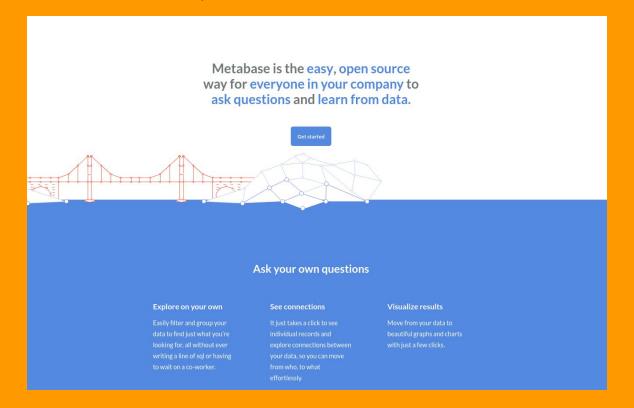
- 1. Quick Metabase overview
- 2. iDempiere database connection
- 3. Demo panel using Garden World client data
- 4. Embedding Metabase inside iDempiere
- 5. Core changes for better embedding (patch proposal)

Quick Metabase Overview

Let's start with the basics

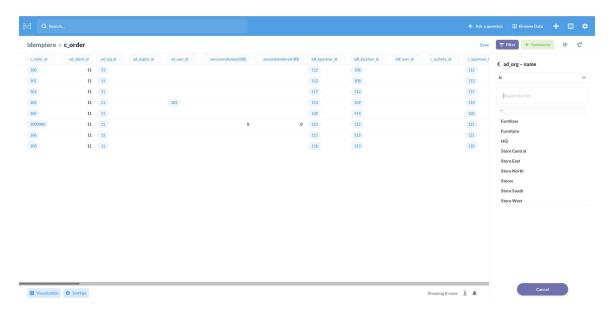


From https://www.metabase.com/





Explore your own





See Connections

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bill_location_id	108	O c_opportunities
bill_user_id	Empty	
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c_bpartner_location_id	108	O c_orders via quotationor der_id
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c_charge_id	Empty	0
c_conversiontype_id	Empty	c_orderlandedcosts
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Visualize Results

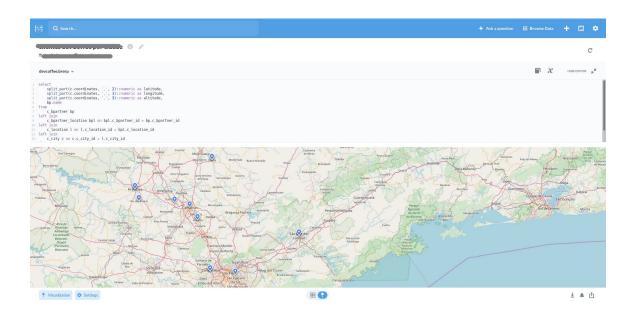


Choose a visualization









And...



Dashboards

Let everyone on your team create, organize and share collections of data.



Open Source

Metabase is built and maintained by a dedicated team, and is open source.



Simple to Set Up

Start out simple and run Metabase on your own laptop, or set it up for your entire company on your own servers (java -jar or docker images)



iDempiere database connection

simple step...





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Size	

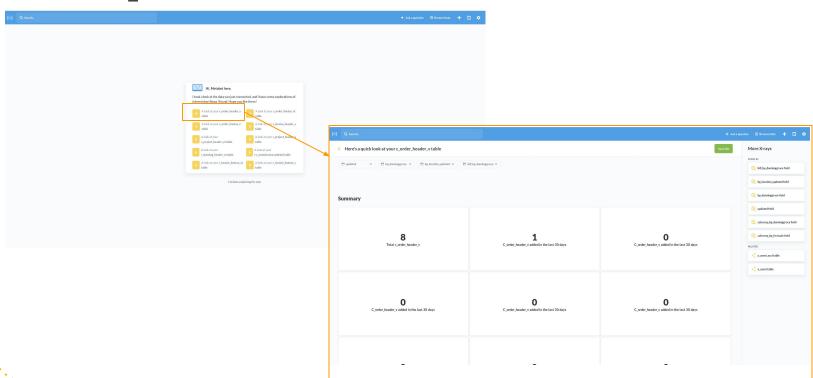




- Check to manually scan large production databases
- Some instances may need "sslmode=disable" for JDBC
- Explore admin general settings
 - Disable Friendly Table and Field Names
- Use a DB Replica!

Explore this data



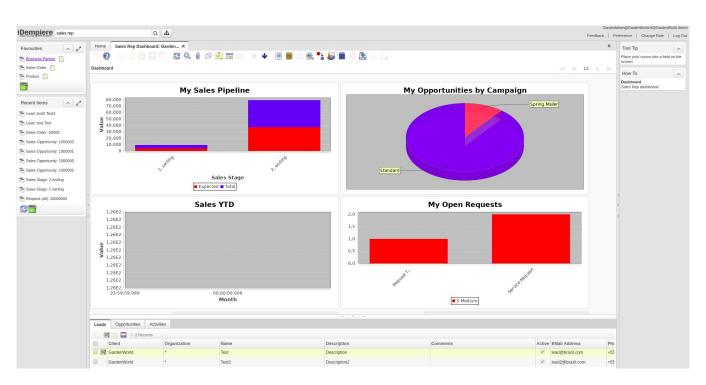


Demo panel using Garden World client data

simple step...

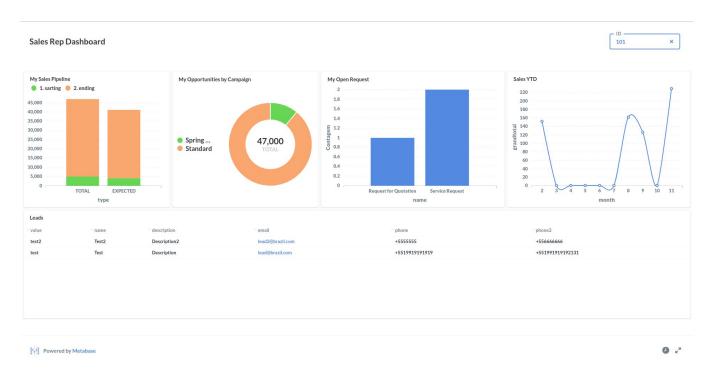
Sales Rep Dashboard Window





Sales Rep Dashboard (metabase)



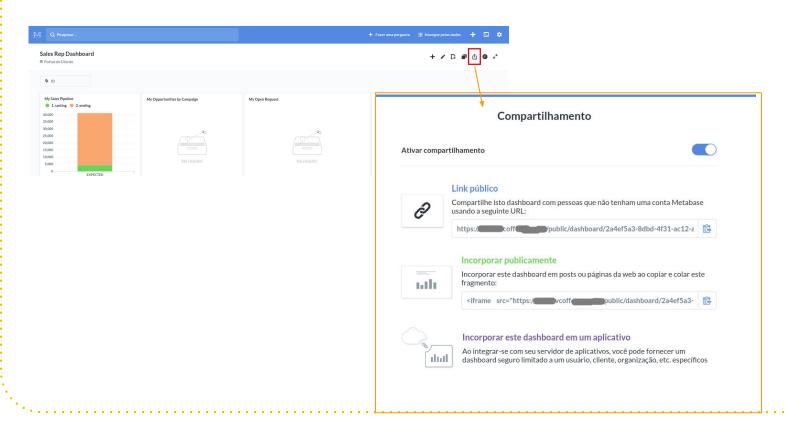


Embedding Metabase insideiDempiere

simple step...

Share metabase dashboard with others





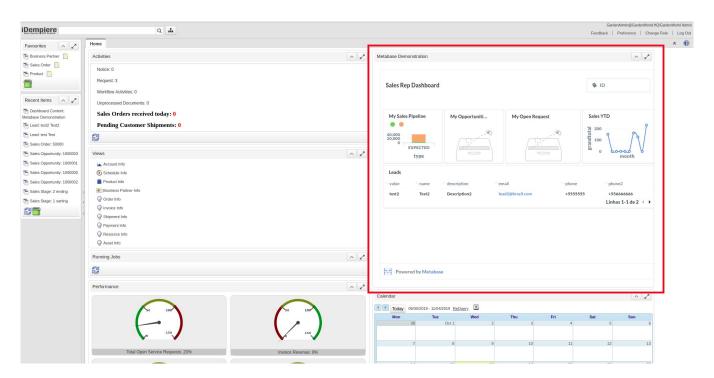
Embbed as Dashboard Content



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Embbed as Dashboard Content





Embbed as Context Help



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** also possible as UI Virtual Column (HTML), QuickInfo...

Core changes for better embedding

simple step...

Small core modifications...



- IDEMPIERE-4057
 - Branch default-IDEMPIERE-4057 at https://bitbucket.org/devcoffee/idempiere
 - Dashboard panel configures column width as proportional by comma separator (logilite)
 - By default all panel columns are equal



- Dashboard Content enhancement to parse context variables on HTML field content
 - Allows injection of UUID or other information for filtering users data from context (maybe it's helpfull a login validator for some cases)

Any Questions?

Thank you!

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