



Calculations & Conditions

Thomas Bayen



What is the price?

A Barrel of Bitburger Beer



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- when we pick it up with our own truck we get a logistic discount of 50 Cent per hl



What is the price?

A Barrel of Köstritzer Beer

- Köstritzer belongs to the Bitburger brewery group.
- but they bring it from Köstritz to Bitburg and we can pick it up there together with Bitburger.



What is the price?

A Barrel of Köstritzer Beer

- they take the same price as for Bitburger
- they take 4,60 € per hl for the freight from Köstritz
- What does that mean?



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Who the hell can control that price?!?

What is the price?

How can we integrate these information into iDempiere?

- We need to keep all single informations about every condition in a single record.
- iDempiere uses one amount value for e.g. Invoices. We need a way to calculate the values for every opportunity where iDEmpiere uses price values.



What is the price?

There are many other ideas

- customer and vendor prices
- provisions for business partners
- provisions for salesmen
- refunding based on some conditions
- discounts on quantity or other conditions
- refunding discounts
- lots more to think



What is the price?

How can we integrate these information into iDempiere?

I introduced the table bay_condition. It can do everything you can think of.

-



What is the price?

Conditions are organized in stages and levels. That allows to create calculation rules for vendors, employees, cost calculation, customer prices, end calculations and the like.



What is the price?

It is up to the formula (an sql function) to pick the stages we need for the situation.

But it is also possible to have all information at hand to explain what we are doing and why.



What is the price?

Lets see an example for vendor invoices.



What to do now?

a lot!

- many places in iDempiere that use amount values
- how to view that information the best way
- how can we use this information for performance improvements and for our business calculations.



Please get in contact to take part if that may help improving your calculation!

Thanks for your attention!


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what to do now?

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 - how to view that information the best way
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