

Window Customization and Print Format made easy with visual editors

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About Me

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- co-founder devCoffee
- ***piere world since 2008





Agenda

1. Tab Editor
2. Window Customization
3. Entity Type Identification
4. Print Format Editor

1

Tab Editor

New options on right panel



Tab Editor

As you know this is the tab editor...

The screenshot displays the iDempiere Tab Editor interface. On the left, a sidebar lists various fields under 'Visible Fields' and 'Non Visible Fields'. The 'Print Color' field is selected and highlighted in blue. The main area shows the configuration for this field, including a dropdown menu for 'Print Color' and a 'Property' panel on the right. The 'Property' panel includes options for 'Displayed' (checked), 'Sequence' (80), 'Field Group', 'X Position' (1), 'Column Span' (2), and 'Number of Lines' (1). There are also green and red checkmark buttons at the bottom of the property panel.

https://wiki.idempiere.org/en/NF1.0_TabEditor



Tab Editor

And now with more properties...

The screenshot displays the 'Tab Editor' interface for configuring a 'Print Color' field. The main form includes fields for Client, Organization, Search Key, Name, Description, Active, Default, Priority Base, Price List, Discount Schema, Credit Watch %, and Dunning. A red box highlights the 'Print Color' field and its associated properties panel on the right. The properties panel includes:

- Name: Print Color
- Description: Color used for printing and display
- Comment/Help: Colors used for printing and display
- Placeholder: (empty)
- Column: AD_PrintColor_ID
- Displayed:
- Sequence: 80
- Field Group: (empty)
- X Position: 1
- Column Span: 2
- Number of Lines: 1
- Display Logic: (empty)
- Mandatory Logic: (empty)
- Read Only Logic: (empty)
- Read Only:

Description, Comment/Help, Placeholder, Column Name, DisplayLogic, MandatoryLogic, Read Only Logic and Read Only

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Window Customization

Customize Field Group & Visual Editor



Window Customization

Field Group customization option

Window Customization > Tab Customization > Field Customization

Inserted

Client* Mundo do Café S/A Organization* *

User defined Tab* Business Partner Group_Business Partner Group

Field* [dropdown]

Name [text field]

Description [text field]

Comment/Help [text area]

Placeholder [text field]

Active

Displayed [dropdown] Read Only [dropdown]

Display Logic [text area]

Sequence* 0 [calendar icon]

Record Sort No 0 [calendar icon]

Default Logic [text area]

Field Group [dropdown]

Web Position

X Position 0 [calendar icon] Column Span 0 [calendar icon]

Number of Lines 0 [calendar icon]

Label Style [dropdown] Estilo do Campo [dropdown]

Overwritten From Column



Window Customization

Use Tab Editor for visual development

The screenshot displays the BrERP system interface. The top navigation bar includes the user name 'SuperUser@Matriz Torreção (SP)/Administrador do Sistema' and the date '16/10/2019'. The left sidebar shows a list of 'Favourites' and 'Recent Items'. The main content area is titled 'Window Customization: Busin...' and contains a 'Tab Editor' window. The 'Tab Editor' window is highlighted with a red box and contains the following information:

- Client:** Mundo do Café S/A
- Organization:** *
- User defined Window:** Business Partner Group
- Tab:** Business Partner Group_Business Partner Group
- Active
- Multi Row Only
- Name:** Business Partner Group
- Description:** Business Partner Groups for Reporting Accounting Defaults
- Comment/Help:** The Business Partner Group Tab allow for the association of business partners for reporting and accounting defaults.
- Single Row Layout
- Read Only
- Read Only Logic:**

Below the 'Tab Editor' window, there is a section for 'Field Customization' with a table showing no records found.

Organization*	User defined Tab*	Field*	Name	Description	Field Group
No Records found					



Window Customization

Use Tab Editor for visual development

The screenshot displays the Tab Editor interface for visual development. The main area shows a form layout with various fields and controls. The 'Description' field is highlighted with a red box, and its properties are shown in a side panel. The side panel shows 'Placeholder' set to 'TEST PLACEHOLDER' and 'Number of Lines' set to 8. Red arrows point from the side panel to the corresponding field in the form.

Visible Fields:

- Client
- Organization
- Search Key
- Name
- Description
- Active
- Default
- Print Color
- Priority Base
- Confidential Info
- Price List
- Purchase Pricelist
- Discount Schema
- PO Discount Schema
- Credit Watch %
- Price Match Tolerance
- Dunning

Field Properties (Description):

- Name: Description
- Description: Optional short description of the record
- Comment/Help: A description is limited to 255 characters.
- Placeholder: TEST PLACEHOLDER
- Column: Description
- Displayed:
- Sequence: 50
- Field Group: [Dropdown]
- X Position: 1
- Column Span: 5
- Number of Lines: 8
- Display Logic: [Text Area]
- Mandatory Logic: [Text Area]
- Read Only Logic: [Text Area]
- Read Only:



Window Customization

Use Tab Editor for visual development

Desktop Window Customization: Busin... x

Window Customization > Tab Customization > Field Customization

Client* Mundo do Café S/A Organization* *

User defined Tab* Business Partner Group_Business Partner Group

Field* Description

Name Description

Description Optional short description of the record

Comment/Help A description is limited to 255 characters.

Placeholder TEST PLACEHOLDER

Active

Displayed Yes Read Only No

Display Logic

Sequence* 50

Record Sort No 0

Default Logic

Field Group

Web Position

X Position 1 Column Span 5

Number of Lines 8

Label Style Estilo do Campo

Overwritten From Column



Window Customization Discussion

Source Code available at <https://bitbucket.org/devcoffee/idempiere/src/default/>

Use the *default-IDEMPIERE-4058* (in sync with default) branch as below:

devcoffee / IDempiere / IDempiere

Commits

Search commits default-IDEMPIERE-4058

Author	Commit	Message	Date
Jonatas Silvestrini	fcef371	IDEMPIERE - 4058 tab editor: new options for editing and customizing fields (window customization)	default-IDEMPIERE-4058 2019-10-08
muriloht	00bc4a6 <small>M</small>	Merge with 91b0cc7b589b7b0ba5ae85e4c38ffac16eb5a7d1	2019-10-07
muriloht	91b0cc7	IDEMPIERE-3831 Info column style	2019-09-17
Carlos Ruiz	0baca27	IDEMPIERE-4060 Implement change scheduler state at scheduler window - fixes for migration scripts	2019-10-04
Heng Sin Low	0424403	IDEMPIERE-4060 Implement change scheduler state at scheduler window	2019-10-04
Heng Sin Low	6acf549	IDEMPIERE-4056 Implement cluster support for idempiere Monitor and Server Manager. Fix deadlock, add scheduler api.	2019-10-03

3

Entity Type Identification

Quick identify elements entity type



Entity Type Identification

Window, Tab & Field

The screenshot shows the SAP Business Partner configuration window for 'Mundo do Café S/A'. The window is titled 'Business Partner' and contains various fields for configuration. The 'Score' field is highlighted in yellow and contains the value 'd'. The 'Business Partner' field is highlighted in red and contains the value '[D]'. The 'Business Partner' field is also highlighted in red in the right-hand pane.

Business Partner

Client* devCoffee Business Group Organization* * Logo Active

Search Key mundodocafe Language English (USA) Customer Vendor

Name* Mundo do Café S/A Employee Prospect

Name 2 Mundo do Café S/A Sales Representative

Situação Comercial* Parceiro Ativo Business Partner Group* Clientes Rating

Representative/Ag Tax ID

Dados Financeiros

Credit Status Credit Hold Balance Including Checks Open Balance 0.00

Credit Limit* 0.00 Limite de Crédito Boleto* 0.00 Limite de Crédito de Cheque Próprio* 0.00

Limite de Crédito de Cheque Terceiro* 0.00 Limite de Crédito Outros* 0.00 Score

Contact (User) Interest Area BP Access Location Bank Account Shipping Accounts Customer Accounting Vendor Accounting Dossier Armazenamento >

1 Records

Tool Tip

Score [BRERP001]

How To

Business Partner Business Partner The Business Partner Tab defines any Entity with whom an organization transacts. [D]



Entity Type Identification

Window, Tab & Field - Help

Home Business Partner Group: 100... x Help x Help x

Window: Business Partner Group

Maintain Business Partner Groups

The Business Partner Group window allows you to define the accounting parameters at a group level. If you define the accounting parameters for a group any Business Partner entered using this group will have these accounting parameters automatically populated. You can then make any modifications necessary at the Business Partner level.

Entity Type: Dictionary [D]

Tabs

Business Partner Group	Tab: Business Partner Group .. Business Partner Groups for Reporting Accounting Defaults
Accounting	The Business Partner Group Tab allow for the association of business partners for reporting and accounting defaults.
Assigned Partners	Entity Type: Dictionary [D]

Fields

[Client](#) [Organization](#) [Search Key](#) [Name](#) [Description](#) [Active](#) [Default](#) [Print Color](#) [Priority Base](#) [Confidential Info](#)
[Price List](#) [Purchase Pricelist](#) [Discount Schema](#) [PO Discount Schema](#) [Credit Watch %](#) [Price Match Tolerance](#)
[Dunning](#)

Field: Client ..

Client/Tenant for this installation.

A Client is a company or a legal entity. You cannot share data between Clients. Tenant is a synonym for Client.

Entity Type: Dictionary [D]

Field: Organization ..

Organizational entity within client

An organization is a unit of your client or legal entity - examples are store, department. You can share data between organizations.

Entity Type: Dictionary [D]



Entity Type Identification Window Customization

BrERP busine devCoffee Murilo H. Torquato@devCoffee Business Solutions/00 - devCoffee Admin | 16/10/2019

Home Business Partner: mundodoca... Window Customization: Busin... Cache Reset *Business Partner Group *Business Partner Group

Business Partner Group

Inserted

Client* devCoffee Business Group Organization* devCoffee Business Solutions

Search Key

Name*

Description

Active

Print Color Black

Priority Base Confidential Info

Price List Lista preco Geral - Venda Servico Purchase Pricelist

Discount Schema PO Discount Schema

Credit Watch % 0.0 Price Match Tolerance 0.0

Dunning

Accounting Assigned Partners

0 Records

Organization*	Business Partner Group*	Accounting Schema*	Active	Net Invoiced Receipts*	Unearned Revenue*	Payment Discount Expense*	Payment Discount Revenue*
No Records found							

Tool Tip

Description

Optional short description of the record

A description is limited to 255 characters.

How To

Business Partner Group

Business Partner Groups for Reporting Accounting Defaults

The Business Partner Group Tab allow for the association of business partners for reporting and accounting details.



Window Customization Discussion

Source Code (patch) available at
<https://idempiere.atlassian.net/browse/IDEMPIERE-3989>

4

Print Format Editor

Create and maintain print formats with a Visual Editor



Print Format Editor

Open Editor From Print Format Window

The screenshot shows the BrERP application interface. The main window is titled "Print Format" and displays configuration options for a print format. A context menu is open over the "Organization" field, with the "Print Format Editor" option highlighted in red. The interface includes a sidebar with navigation options, a top navigation bar, and a main content area with various settings.

Print Format Configuration:

- Client:** Mundo do Café S/A
- Name:** Impressão de Compra e Venda
- Description:** Standard Order Header
- Active:** Active
- Table:** C_Order_Header_v_Order Header Print
- Form:** Form
- Template DOCX:** Template DOCX
- Print Paper:** A4 (Retrato)
- Print Table Format:** Documento Padrão
- Header Margin:** 230
- Print Font:** SansSerif 9
- Jasper Process:** [Dropdown]
- Classname:** [Empty]
- Args:** [Empty]
- Page break per record:** Page break per record

Context Menu Options:

- Copy/Create
- Comparar View
- Print Format Editor** (highlighted)
- Organization*

Print Format Editor Visualization I



The screenshot shows a web browser window with a PDF viewer. The browser tabs include 'Home', 'Sales Order: 80005 x', 'Report: Sales Details x', and 'Print Format: Sales Details x'. The PDF title is 'Sales_Details2480739121701694990.pdf'. The report content is as follows:

Print Format Editor Demonstration
Sales Details Report
iDempiere World Conference 2019

Document No: 80008
Client: GardenWorld
Organization: HQ
Business Partner: Joe Block

Product	Quantity	Unit Price	iLine Amount
Fertilizer#50_Fertilizer #50	1	20.00	20.00
Rose Bush_Rose Bush	10	28.50	285.00
Planting_Planting Service	2	42.75	85.50

Print Format Editor

Visualization II



Print Format Editor

- Field
- Image
- Line
- Print Format
- Rectangle
- Text

17 de Março de 2025
08:55

MTR - MANIFESTO PARA TRANSPORTE DE RESÍDUO PERIGOSO (MSR - 13221)

1. GERADOR

Nº Controle Orgão Anestora «Número CETESB»	CNPJ/CPF do Gerador «Documento do Gerador»	Razão Social «Parceiro de Negócios»
Endereço do Gerador «Endereço do Gerador»	Cidade do Gerador «Cidade do Gerador»	Estado do Gerador «Estado do G...»
Nome do Responsável «Nome do Responsável»		Telefone do Gerador «Telefone do Gerador»

2 - DESCRIÇÃO DOS RESÍDUOS

Tipo de Res	Tipo de act	Unidade	Classe	Quantidade	ONU	Sub-CL	Nº Risco

3. - TRANSPORTADOR

Placa	Marca do Veículo	Modelo	Cor
Nome do Motorista/Condutor	Assinatura do Motorista/Condutor		
Endereço Destinatário «Endereço do Transportador»			
ENDEREÇO: «Endereço do Transportador» BAIRRO: «Bairro de Transp.» MUNICÍPIO: «Cidade do Transp.» ESTADO: SÃO PAULO TELS.: «Telefone do Transportador» Tipo de Equipamento de Transporte: VEICULO TIPO CAMINHÃO ADAPTADO PARA COLETA Resíduos sólidos dos serviços de saúde. VEICULO TIPO CAMINHÃO TI. ADAPTADO PARA COLETA Resíduos sólidos dos serviços de saúde.			
4. ESTAB. DESTINATÁRIO (OTDAE) - Sistema que trata, transfere, recupera ou utiliza os resíduos Nome do Estabelecimento: «Nome do Estabelecimento» Número de Cadastro: «Número de Cadastro» Telefone: «Telefone»			
Data: «Mês» de «Ano» Hora: «Hora»			

5. Descrições adicionais dos resíduos tratados acima. Ver Ficha de Emergência

6. Instruções especiais de manuseio e informações adicionais (em caso de não entrega do resíduo especificar o n. do MTR anexo). Ver Ficha de Emergência

7. Denominação do Gerador: Deverá ser o Produto Perigoso ou/ou Subprodutos classificados, embalados, identificados e embalados para seguir as regras das operações de transporte e que atendam as exigências da regulamentação.

8A) GERADOR	Nome «Parceiro de Negócios»	Assinatura	Data
8B) TRANSPORTADOR	Nome «Parceiro Destinatário»	Assinatura	Data
8C) INSTALAÇÃO RECEPTORA - OTDAE	Nome «Parceiro de Negócios»	Assinatura	Data

8. Instruções em caso de descumprimento das informações descritas neste manifest.

9. Instalação receptora: Certificado de recebimento do material perigoso descrito neste manifest, exceto quando ocorrer a especificação no item 6.

Nome	Assinatura	Data
------	------------	------

Print

Papel de Impressão A4 (Retrato) - 1

Cor de Impressão

Fonte de Impressão

Format Item

Nome 3 - Transportad

Sequência 360

Texto de Impressão

Cor de Impressão Black

Posição Relativa

Posição X 0

Posição Y 295

Ajustar a Posição da NL

Alinhamento de Campo Padrão

Largura Máxima 555

Altura Máxima 22

Tipo de Formato Retângulo Nor

Formato de Preenchimento

Script

✓ ✕

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Print Format Editor Discussion

Print Format Editor related discussion and material:

<http://wiki.compiere.com/display/docs/Print+Format+Editor>

<https://groups.google.com/forum/#!msg/idempiere/pFV0qeH70PI/HahbfOJ3bfYJ>

<https://groups.google.com/d/msg/idempiere/0nQruQ7hilK/SiXK6beTmrMJ>

[https://groups.google.com/forum/#!searchin/idempiere/print\\$20editor/idempiere/pFV0qeH70PI/sGCh0xUiQ_kJ](https://groups.google.com/forum/#!searchin/idempiere/print$20editor/idempiere/pFV0qeH70PI/sGCh0xUiQ_kJ)

<https://groups.google.com/forum/#!searchin/idempiere/reporteditor/idempiere/0nQruQ7hilK/SiXK6beTmrMJ>

Source Code available at <https://bitbucket.org/devcoffee/idempiere/src/default/>

Use the *default-IDEMPIERE-4059* (in sync with default) branch as below:

The screenshot shows the commit history for the 'default-IDEMPIERE-4059' branch. The table lists the following commits:

Author	Commit	Message	Date
Jonas Silvestri	066f084	IDEMPIERE-4059 - Print Format Editor	2019-10-09
murihoht	08bc4a6	Merge with 913b0cc79539370ba5ae83e4c38ffac16b5a701	2019-10-07
murihoht	913b0cc7	IDEMPIERE-3831 info column style	2019-09-17
Carlos Ruiz	0bac427	IDEMPIERE-4006 Implement change scheduler state at scheduler window - fixes for migration scripts	2019-10-04
Heng Sin Low	0424403	IDEMPIERE-4006 Implement change scheduler state at scheduler window	2019-10-04
Heng Sin Low	6ac f549	IDEMPIERE-4056 Implement cluster support for idempiere Monitor and Server Manager. Fix deadlock, add scheduler api.	2019-10-03
Heng Sin Low	3472356	IDEMPIERE-4056 Implement cluster support for idempiere Monitor and Server Manager	2019-10-02

Any Questions?



Thank you!

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