

IdDE 

Integrated and Distributed
Development Environment

Vilson Cristiano Gärtner

vgartner@gmail.com

IdDE... o que é?

- Aplicativo para o desenvolvimento distribuído de software
- Integrado ao ambiente Netbeans
 - Windows e Linux
- Ferramentas:
 - Edição colaborativa e simultânea de arquivos
 - Chat (com tradução automática)
 - Comunicação via áudio com: computador, celular, telefone convencional e ATA (SIP)
 - Gerenciamento distribuído de Tarefas
 - Controle de Agenda

Instalação

- Baixe o plugin e salve numa pasta
- Siga os passos exibidos nas próximas páginas

Instalação

The image shows the NetBeans IDE 6.9 interface. The 'Ferramentas' (Tools) menu is open, and the 'Plug-ins' option is highlighted with a red dashed box and a red arrow. The main workspace displays the 'NetBeans IDE' splash screen with sections for 'Aprender e Compartilhar', 'Meu NetBeans', and 'O que há de novo'. The 'Meu NetBeans' section includes 'Instalar plug-ins' and 'Habilitar recursos'. The 'O que há de novo' section contains text about enabling features manually. The bottom status bar shows 'Saída' and 'Variáveis' tabs.

NetBeans IDE 6.9

Arquivo Editar Exibir Navegar Código-fonte Refatorar Executar Depurar Perfil Equipe Ferramentas Janela Ajuda

Adicionar aos favoritos

Adicionar à paleta...

Internacionalização

Plataformas Java

SQL-Generator

Plataformas do NetBeans

Variáveis

Bibliotecas

Ferramentas do perfilador

Servidores

Deployment do Mobility

Repositório de chaves

Modelos

Esquemas de DTD e XML

Paleta

Plug-ins

Opções

NetBeans IDE

Meu NetBeans

O que há de novo

Instalar plug-ins

Habilitar recursos

Adicione suporte para outras linguagens e tecnologias instalando plug-ins a partir da Central de atualizações do NetBeans.

O NetBeans se torna funcional a medida que é utilizado. Comece a criar e abrir projetos e o IDE ativará somente os recursos necessários, tornando sua experiência mais rápida e limpa. Também é possível habilitar as operações manualmente.

ORACLE

Exibir ao iniciar

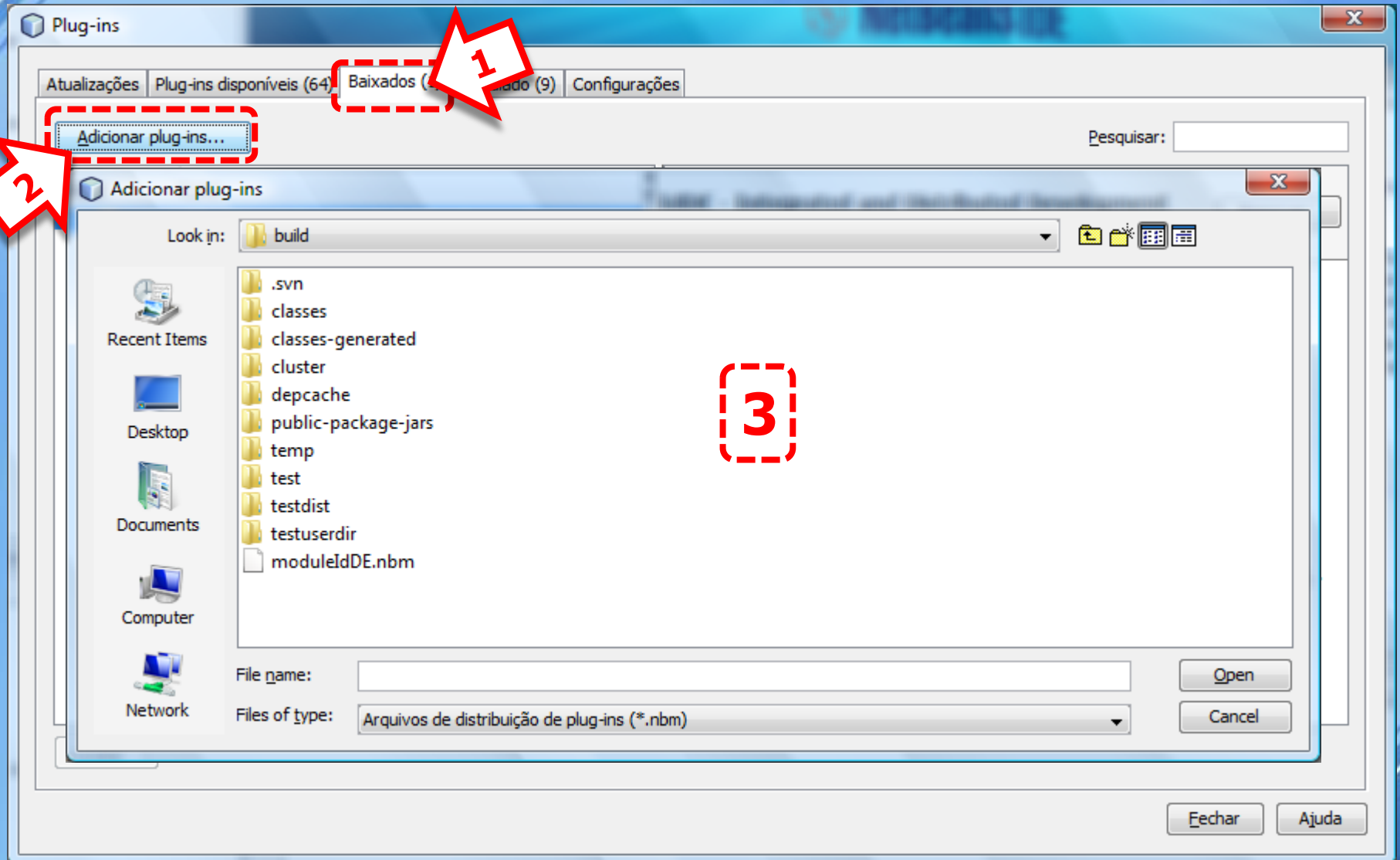
Java

Saída Variáveis

<Sem visualização disponível>

Ocorrências Subversion Tarefas Hierarquia de chamada Java Resultados do teste Resultados da pesquisa Pontos de interrupção

Instalação



Instalação

Plug-ins

Atualizações Plug-ins disponíveis (64) Baixados (1) Instalado (9) Configurações

Adicionar plug-ins Pesquisar:

| Instalar | Nome |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | IdDE - Integrated and Distributed Development Environment |

IdDE - Integrated and Distributed Development Environment Remover

Community Contributed Plugin

Versão: 0.4
Autor: Vilson Cristiano Gärtner - vilson@vgdata.net
Data: 06/12/10
Origem: moduleIdDE.nbm
Página inicial: <http://idde.vgdata.net>

Descrição do plug-in

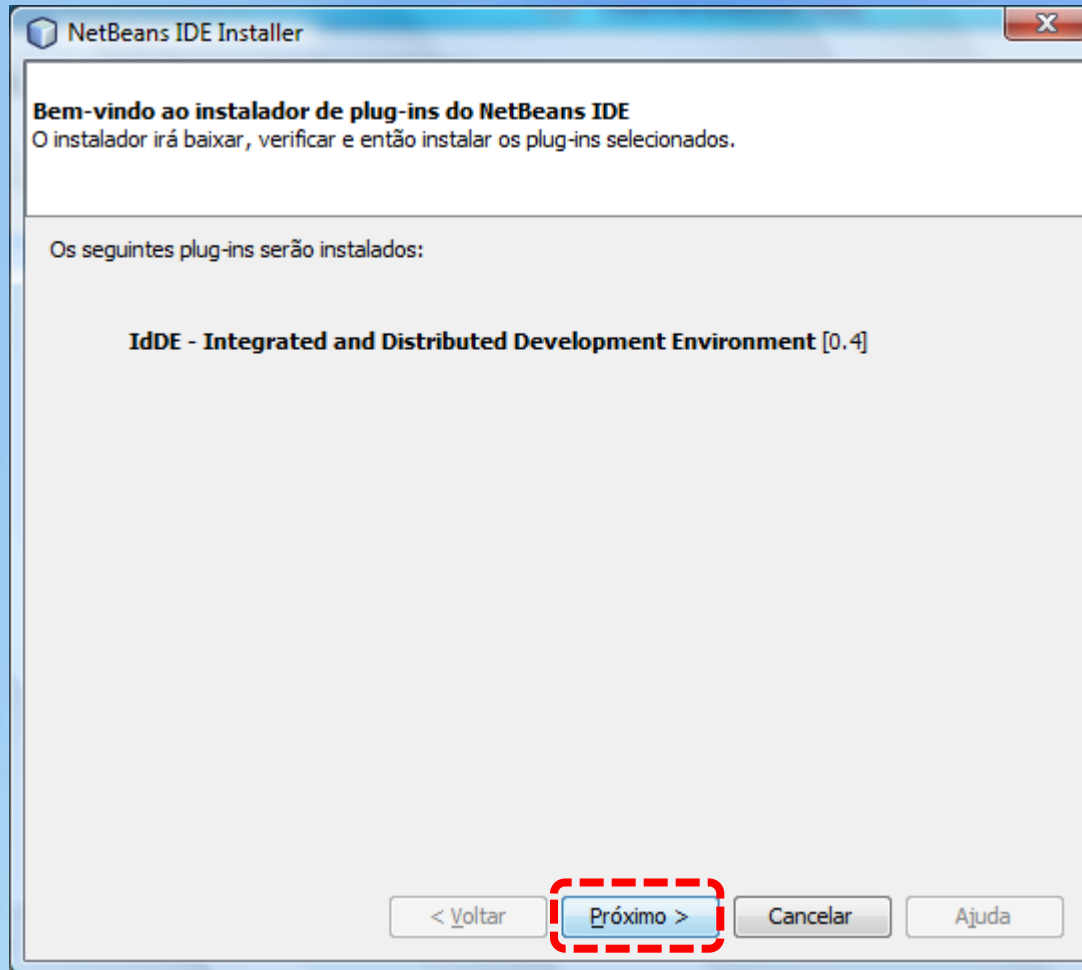
This module enables text chatting and shared editing using any regular XMPP server. Allows also SIP calls to another SIP accounts, mobile and landlines (of course you need credit for it... ;-)
This module is being created on my masters degree at UNISINOS (São Leopoldo / Brazil).
Orientation by Dr. Sérgio Crespo

Author: Vilson Cristiano Gärtner
E-mail: vilson@vgdata.net

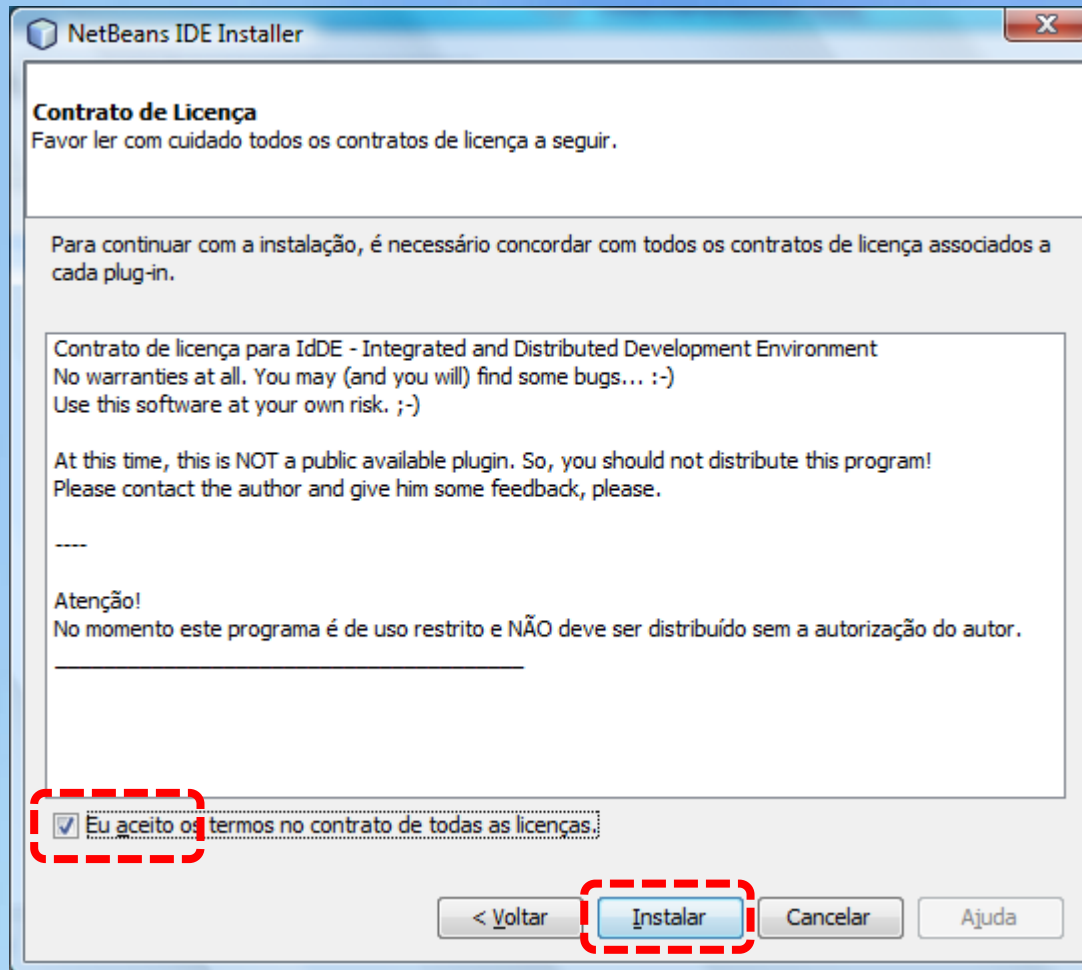
Instalar 1 plug-in selecionado

Fechar Ajuda

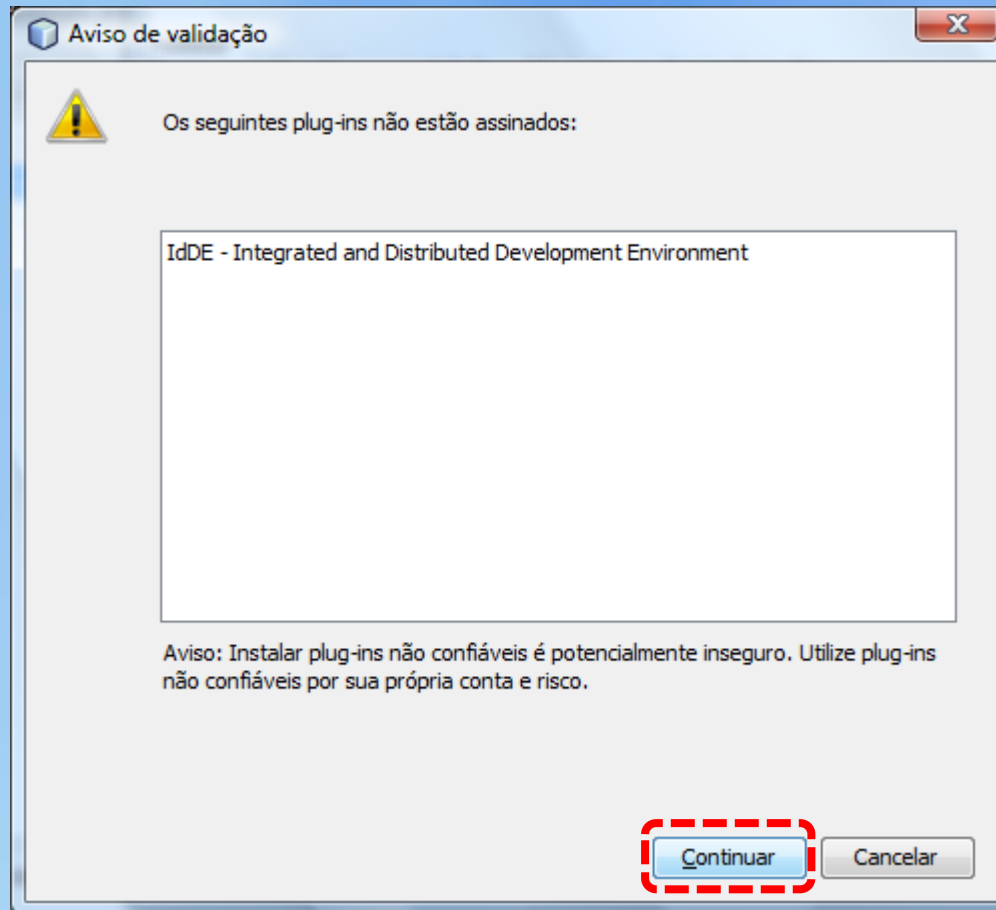
Instalação



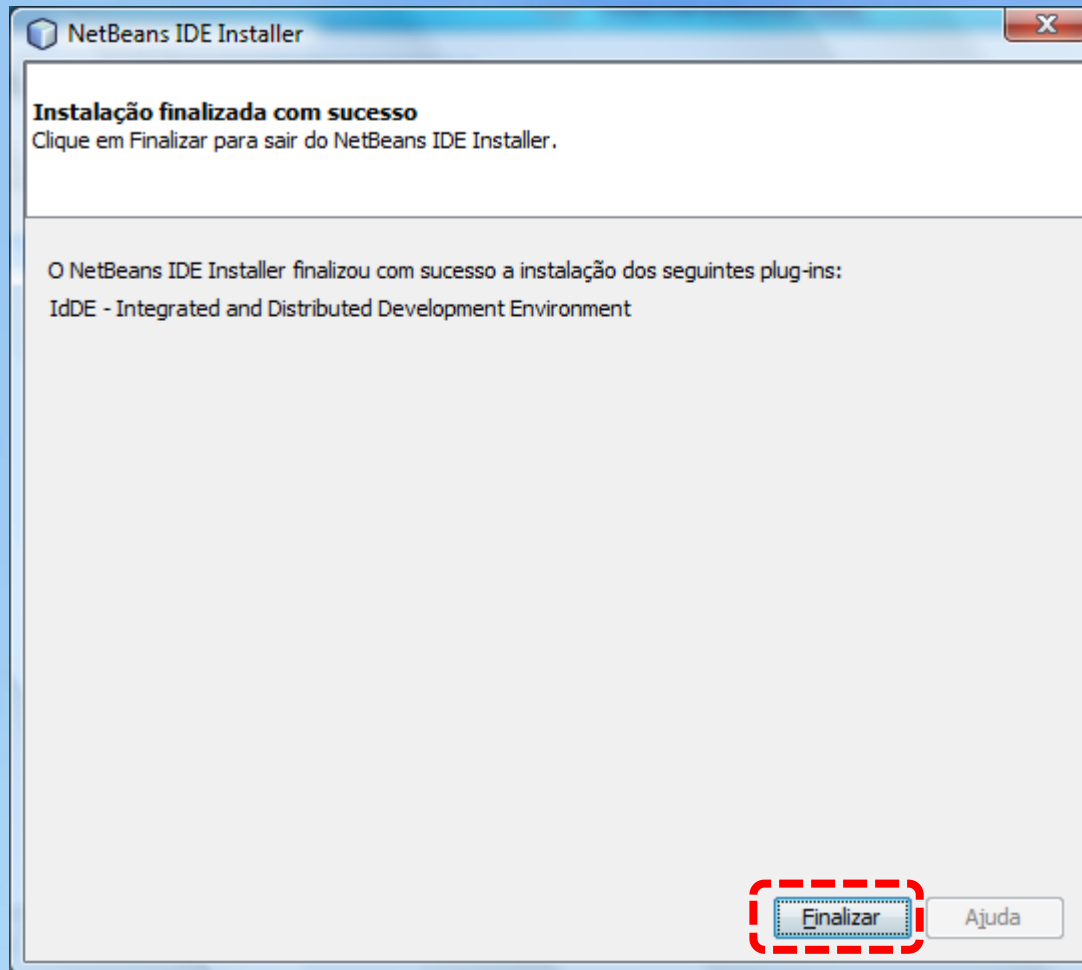
Instalação



Instalação



Instalação



Instalação

The screenshot shows a window titled "Plug-ins" with a search bar and several tabs: "Atualizações", "Plug-ins disponíveis (64)", "Baixados (1)", "Instalado (9)", and "Configurações". A button "Adicionar plug-ins..." is located at the top left. Below it is a table with two columns: "Instalar" and "Nome". The table contains one entry: "IdDE - Integrated and Distributed Development Environment". To the right of the table, the details for the selected plugin are displayed. The details include the plugin name, a "Remove" button, a "Community Contributed Plugin" icon, version information, author, date, origin, and initial page. A description of the plugin is also provided, along with the author's contact information. At the bottom left, there is an "Instalar" button. At the bottom right, there are "Fechar" and "Ajuda" buttons, with "Fechar" highlighted by a red dashed box.

Plug-ins

Atualizações Plug-ins disponíveis (64) Baixados (1) Instalado (9) Configurações

Adicionar plug-ins... Pesquisar:

| Instalar | Nome |
|--------------------------|---|
| <input type="checkbox"/> | IdDE - Integrated and Distributed Development Environment |

IdDE - Integrated and Distributed Development Environment

Community Contributed Plugin

Versão: 0.4
Autor: Vilson Cristiano Gärtner - vilson@vgdata.net
Data: 06/12/10
Origem: moduleIdDE.nbm
Página inicial: <http://idde.vgdata.net>

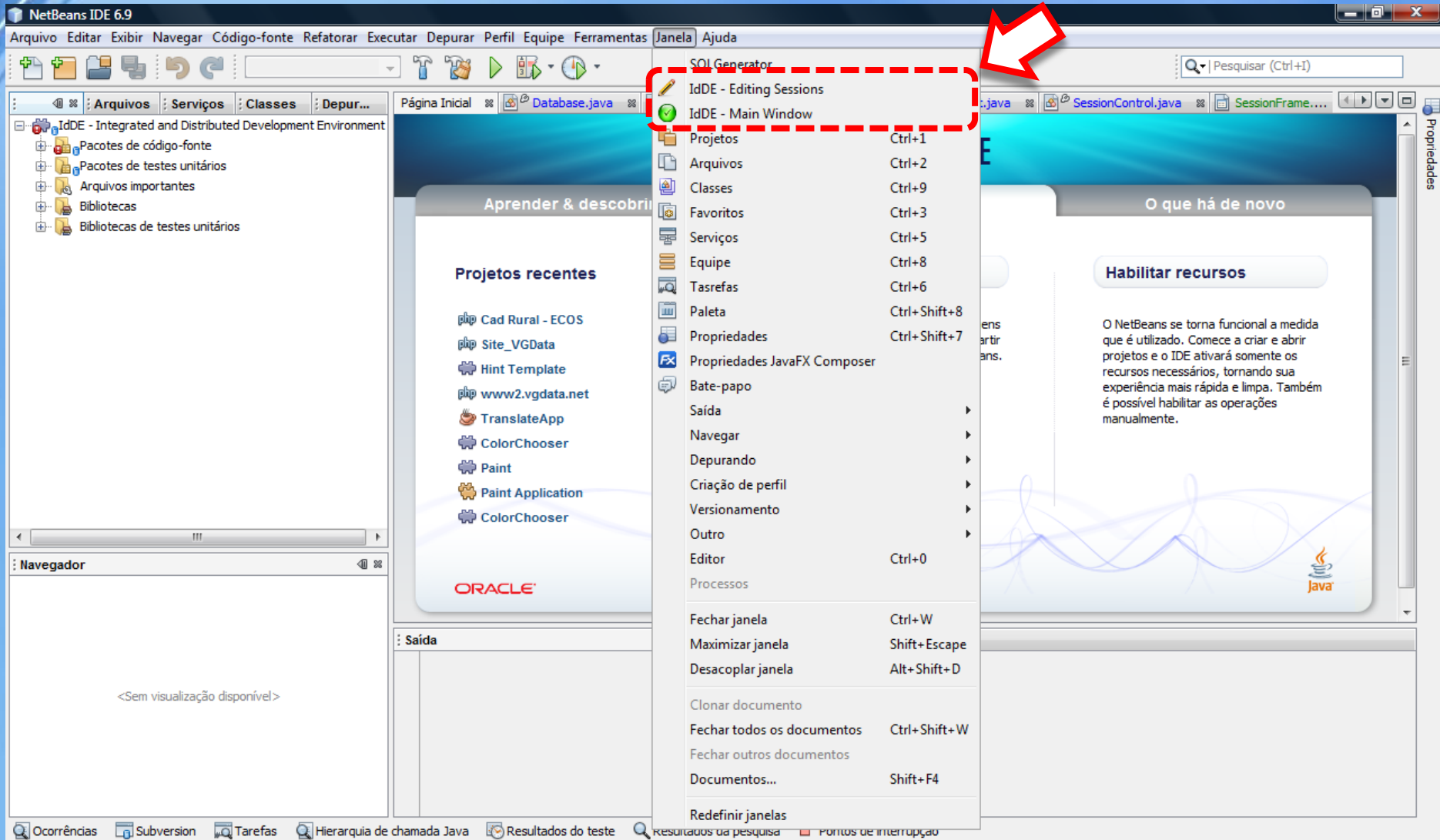
Descrição do plug-in

This module enables text chatting and shared editing using any regular XMPP server. Allows also SIP calls to another SIP accounts, mobile and landlines (of course you need credit for it... ;-)

This module is being created on my masters degree at UNISINOS (São Leopoldo / Brazil). Orientation by Dr. Sérgio Crespo

Author: Vilson Cristiano Gärtner
E-mail: vilson@vgdata.net

Abrindo...



Integração com Netbeans

NetBeans IDE 6.9

Arquivo Editar Exibir Navegar Código-fonte Refatorar Executar Depurar Perfil Equipe Ferramentas Janela Ajuda

Página Inicial Database.java InstructionProtocol.java SessionTopComponent.java

IdDE

Connection Settings

IdDE

programa interdisciplinar de pós-graduação
PIP CA
em computação aplicada

Login

IdDE Sessions

| Filename | Shared with users |
|-------------------------------|--|
| No files are being shared yet | Right click a contact to start sharing |
| | |
| | |

IdDE Sessions Saída Variáveis

XMPP: disconnected

SIP: not registered

Ocorrências Subversion Tarefas Hierarquia de chamada Java Resultados do teste Resultados da pesquisa Pontos de interrupção

Integração com Netbeans

The screenshot displays the NetBeans IDE 6.9 interface with the IdDE (Integrated and Distributed Development Environment) integration. The main window shows the "NetBeansIDE" dashboard with three main sections: "Aprender & descobrir", "Meu NetBeans", and "O que há de novo".

- Meu NetBeans:** Contains a list of "Projetos recentes" (Recent Projects) including "Cad Rural - ECOS", "Site_VGData", "Hint Template", "www2.vgdata.net", "TranslateApp", "ColorChooser", "Paint", "Paint Application", and "ColorChooser". It also features a button for "Instalar plug-ins" (Install Plugins) and a checkbox for "Exibir ao iniciar" (Show on start).
- O que há de novo:** Contains a section for "Habilitar recursos" (Enable Features) with a text description: "O NetBeans se torna funcional a medida que é utilizado. Comece a criar e abrir projetos e o IDE ativará somente os recursos necessários, tornando sua experiência mais rápida e limpa. Também é possível habilitar as operações manualmente."

Two red arrows point to specific elements:

- One arrow points to the "IdDE" icon in the "Propriedades" (Properties) panel on the right side of the IDE.
- Another arrow points to the "IdDE Sessions" icon in the bottom toolbar.

The interface also shows a project tree on the left with files like "RosterStatusListener.java", "XMPPManager.java", and "SessionFrame.java". The bottom status bar includes options like "Ocorrências", "Subversion", "Tarefas", "Hierarquia de chamada Java", "Resultados do teste", "Resultados da pesquisa", "Pontos de interrupção", and "IdDE Sessions".

Configuração

The screenshot shows the NetBeans IDE 6.9 interface. The main window displays the NetBeans IDE splash screen with sections for 'Aprender & descobrir', 'Meu NetBeans', and 'O que há de novo'. A red dashed box highlights the 'Settings' tab in the 'IDE' configuration window on the right. Below the splash screen, there are panels for 'IdE Sessions' and 'Saída'. The 'IdE Sessions' panel shows a table with columns for 'Filename' and 'Shared with users'. The 'Saída' panel is currently empty. The 'Variáveis' panel is also visible. The bottom status bar shows various icons for Ocorrências, Subversion, Tarefas, Hierarquia de chamada Java, Resultados do teste, Resultados da pesquisa, and Pontos de interrupção.

NetBeans IDE 6.9

Arquivo Editar Exibir Navegar Código-fonte Refatorar Executar Depurar Perfil Equipe Ferramentas Janela Ajuda

Página Inicial Database.java InstructionProtocol.java SessionTopComponent.java

Connection Settings

NetBeansIDE

Aprender & descobrir Meu NetBeans O que há de novo

Projetos recentes

- Cad Rural - ECOS
- Site_VGData
- Hint Template
- www2.vgdata.net
- TranslateApp
- ColorChooser
- Paint
- Paint Application
- ColorChooser

Instalar plug-ins

Habilitar recur...

ORACLE

Exibir ao iniciar

Java

IdE Sessions Saída Variáveis

| Filename | Shared with users |
|-------------------------------|--|
| No files are being shared yet | Right click a contact to start sharing |
| | |
| | |

<Sem visualização disponível>

Ocorrências Subversion Tarefas Hierarquia de chamada Java Resultados do teste Resultados da pesquisa Pontos de interrupção

Configuração

The screenshot displays the NetBeans IDE 6.9 interface. The main window shows the 'IdDE' configuration page with sections for 'Aprender & descobrir', 'Meu NetBeans', and 'O que há de novo'. The 'Meu NetBeans' section includes options to 'Instalar plug-ins' and 'Habilitar recur...'. The 'O que há de novo' section provides information about NetBeans updates. The 'IdDE Sessions' table is visible at the bottom, showing columns for 'Filename', 'Shared with users', and 'Saída'. The 'Variáveis' section is also present. The 'Pesquisar (Ctrl+F)' search bar is highlighted with a red arrow in the top right corner.

NetBeans IDE 6.9

Arquivo Editar Exibir Navegar Código-fonte Refatorar Executar Depurar Perfil Equipe Ferramentas Janela Ajuda

Página Inicial Database.java InstructionProtocol.java SessionTopComponent.java

IdDE

Connection Settings

Connection Behavior

XMPP Settings

Server talk.google.com

Username vgartner

Password

Port 5222

Resource gmail.com

SIP Settings

Server sip.vgdata.net

Username 7474743

Password

Port 5061

XMPP: disconnected

SIP: not registered

| IdDE Sessions | Saída | Variáveis |
|-------------------------------|--|-----------|
| Filename | Shared with users | |
| No files are being shared yet | Right click a contact to start sharing | |
| | | |
| | | |

<Sem visualização disponível>

Ocorrências Subversion Tarefas Hierarquia de chamada Java Resultados do teste Resultados da pesquisa Pontos de interrupção

Configuração

The screenshot shows the NetBeans IDE 6.9 interface. The main window displays the NetBeans IDE splash screen with sections for 'Aprender & descobrir', 'Meu NetBeans', and 'O que há de novo'. A red arrow points to the 'Settings' tab in the 'IdDE' configuration window on the right. The 'Settings' tab is divided into 'Connection' and 'Behavior' sub-tabs. The 'Behavior' sub-tab is active, showing options for 'Phone Numbers', 'Use encoded messages (Base64)', 'Encoding Charset' (set to UTF-8), 'Messages Buffer' (set to 0 sec), 'Allow only ASCII chars', and 'Log changes to DB'. The 'Phone Numbers' section has input fields for 'Mobile' (555181181409) and 'Landline' (555137202765). The 'Use encoded messages (Base64)' checkbox is checked. The 'Allow only ASCII chars' checkbox is also checked. The 'Log changes to DB' checkbox is unchecked. The 'IdDE Sessions' window at the bottom shows a table with columns for 'Filename' and 'Shared with users'. The table is empty, with the message 'No files are being shared yet' and 'Right click a contact to start sharing'. The 'Variáveis' window is also empty. The status bar at the bottom shows various icons for 'Ocorrências', 'Subversion', 'Tarefas', 'Hierarquia de chamada Java', 'Resultados do teste', 'Resultados da pesquisa', and 'Pontos de interrupção'.

NetBeans IDE 6.9

Arquivo Editar Exibir Navegar Código-fonte Refatorar Executar Depurar Perfil Equipe Ferramentas Janela Ajuda

Página Inicial Database.java InstructionProtocol.java SessionTopComponent.java

IdDE

Connection Settings

Connection Behavior

Phone Numbers

Mobile 555181181409

Landline 555137202765

Use encoded messages (Base64)

Encoding Charset UTF-8

Messages Buffer 0 sec

Allow only ASCII chars

Log changes to DB

IdDE Sessions

| Filename | Shared with users |
|-------------------------------|--|
| No files are being shared yet | Right click a contact to start sharing |

Variáveis

<Sem visualização disponível>

Ocorrências Subversion Tarefas Hierarquia de chamada Java Resultados do teste Resultados da pesquisa Pontos de interrupção

Iniciando...

The screenshot shows the NetBeans IDE 6.9 interface. The main window displays the "NetBeansIDE" start screen with sections for "Aprender & descobrir", "Meu NetBeans", and "O que há de novo". The "Meu NetBeans" section includes "Instalar plug-ins" and "Habilitar recur...". The "O que há de novo" section contains a message about IDE functionality. A Properties dialog for the "IdDE" connection is open on the right, showing a "Login" button highlighted with a red dashed box and a red arrow. The dialog also shows "Connection" and "Settings" tabs, a user icon, and the "PIP CA" logo. The "IdDE Sessions" table is visible at the bottom, showing a table with columns for "Filename" and "Shared with users".

| Filename | Shared with users |
|-------------------------------|--|
| No files are being shared yet | Right click a contact to start sharing |
| | |
| | |
| | |

IdDE Sessions

Shared with users

Right click a contact to start sharing

Connection Settings

IdDE

programa interdisciplinar de pós-graduação
PIP CA
em computação aplicada

Login

XMPP:
● disconnected

SIP:
● not registered

ORACLE

Exibir ao iniciar

Java

Arquivo Editar Exibir Navegar Código-fonte Refatorar Executar Depurar Perfil Equipe Ferramentas Janela Ajuda

Página Inicial Database.java InstructionProtocol.java SessionTopComponent.java

Arqu... Serv... Cla... Depu...

RosterStatusListener.java
RosterStatusListener.java.orig
XMPPManager.java
org.idde.chat.view
org.idde.common.transport
Instruction.java
InstructionEvaluator.java
InstructionModel.java
InstructionProtocol.java
Message.java.orig
org.idde.common.view
ConnectionPanel.java
ContactListCellRenderer.java
ContactListPanel.java
MainPanel.java
SessionFrame.java
StatusIcons.java
iddeMainFrame.java
org.idde.editor.controller
Party.java
SessionControl.java

Navegador

<Sem visualização disponível>

Ocorrências Subversion Tarefas Hierarquia de chamada Java Resultados do teste Resultados da pesquisa Pontos de interrupção

Iniciando...

The screenshot shows the NetBeans IDE 6.9 interface. The main window is titled "IdDE - Integrated and Distributed Development Environment - NetBeans IDE 6.9". The menu bar includes "Arquivo", "Editar", "Exibir", "Navegar", "Código-fonte", "Refatorar", "Executar", "Depurar", "Perfil", "Equipe", "Ferramentas", "Janela", and "Ajuda". The toolbar contains various icons for file operations and development tools.

The left sidebar shows a project tree with files like "SessionTopComponent.java", "iddeTopComponent.java", and "AbstractModel.java". The main editor displays the source code for "updateTableData()", which includes comments and Java code for updating a table with data from "SessionControl".

The right sidebar shows a contact list under the "IdDE" tab. The list includes names like "alkunrath", "amador", "betto.mallmann", "daniel.dupre", "daniel.heisler", "druciaki", "frede.sch", "guired", "jczucco", "lcmatte", "nasair", "nessaonfire", "rudimarstoll", "service", "wilson", "viviane.andreia", "ycastelfranchi", "Amigos", "fernandobohrer", "fjbohrer", "raffaeldutra", "Aula", "alessandro.parin", "associacaounisinos", "crespo.unisinos", "faborafaedamasceno", "janaina.lemos", "leonardormachado", and "No Group". Below the list, the "XMPP" status is shown as "authenticated" with a green circle icon. A red arrow points to this status. The "SIP" status is shown as "not registered" with a red circle icon.

At the bottom, there is a table with columns "Filename" and "Shared with users". The first row shows "No files are being shared yet" and "Right click a contact to start sharing".

Menu de Contexto

The screenshot displays the NetBeans IDE 6.9 interface. The main editor shows the source code for `SessionTopComponent.java`, with the `updateTableData()` method highlighted. The left sidebar shows the project structure, and the bottom-left pane shows the class member list for `updateTableData`. The bottom-right pane, titled "IdDE Sessions", shows a list of contacts. A context menu is open over the contact "vilson", with a red dashed box and arrow highlighting the "Invite to share SessionTopComponent.java" option. The "IdDE Sessions" window also shows a status bar with "No files are being shared yet" and "Right click a contact to start sharing".

```
339 /**  
340  * This method updates the table, getting data from SessionControl  
341  */  
342 public static void updateTableData()  
343 {  
344     Set sharedFiles = SessionControl.getSharedFiles();  
345  
346     Iterator i = sharedFiles.iterator();  
347     String fileName;  
348     int row = 0;  
349  
350     String data[][] = {};  
351     String col[] = {"File", "Shared With"};  
352  
353     DefaultTableModel model = new DefaultTableModel(data, col);  
354     JTable table = SessionTopComponent.getDefault().getTable();  
355     table.setModel(model);  
356  
357     // SessionTopComponent.getDefault().getTable().getModel().setValueAt  
358     // SessionTopComponent.getDefault().getTable().getModel().setValueAt  
359  
360     while (i.hasNext())
```

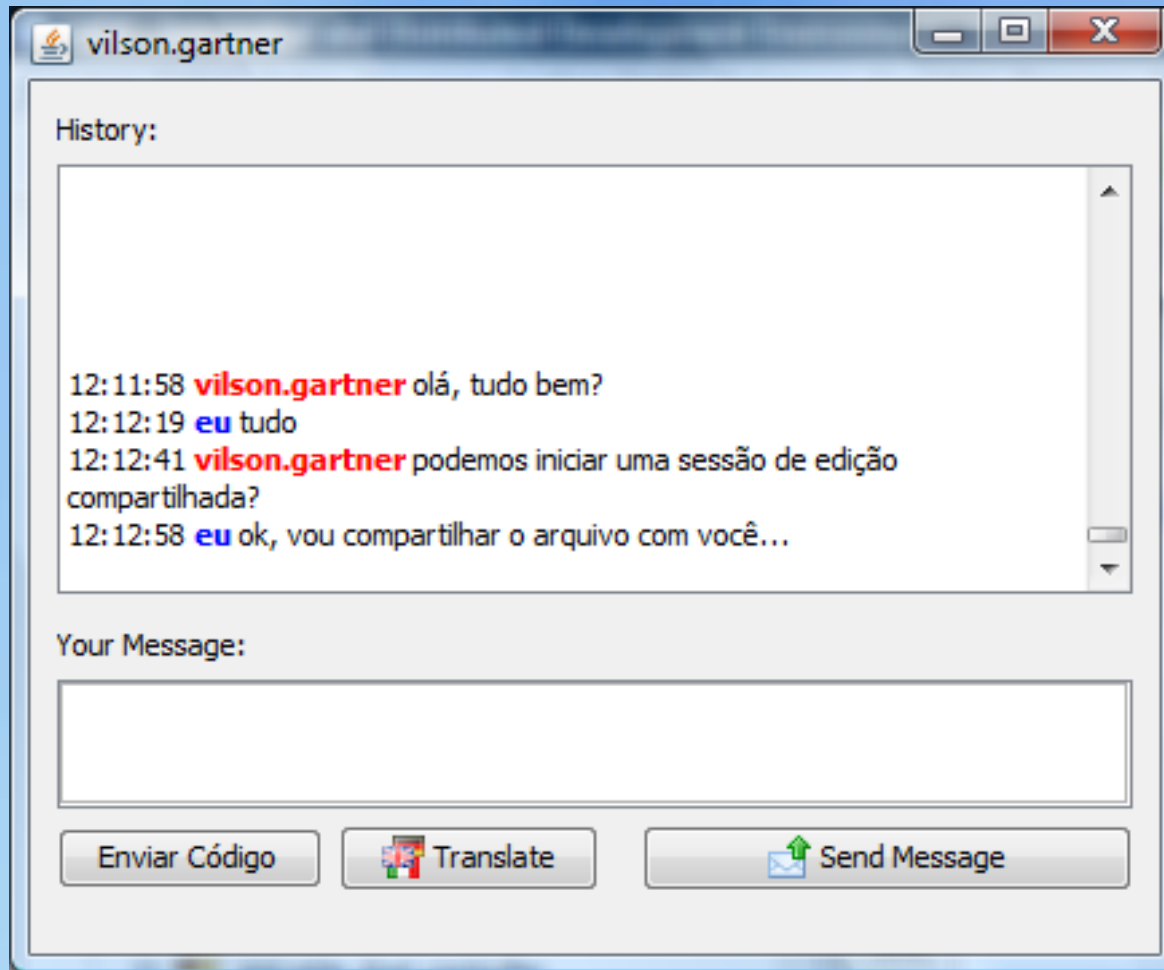
IdDE Sessions

| Filename | Shared with users |
|-------------------------------|--|
| No files are being shared yet | Right click a contact to start sharing |

Context Menu:

- Invite to share SessionTopComponent.java
- Start Text Chat
- Voice Call
- Task Management

Chat



Compartilhando um arquivo

IdDE - Integrated and Distributed Development Environment - NetBeans IDE 6.9

Arquivo Editar Exibir Navegar Código-fonte Refatorar Executar Depurar Perfil Equipe Ferramentas Janela Ajuda

Arqu... Serv... Cla... Depu...

Página Inicial Database.java InstructionProtocol.java SessionTopComponent.java

```
339 /** This method updates the table, getting data from SessionControl
340 */
341 */
342 public static void updateTableData()
343 {
344     Set sharedFiles = SessionControl.getSharedFiles();
345
346     Iterator i = sharedFiles.iterator();
347     String fileName;
348     int row = 0;
349
350     String data[][] = {};
351     String col[] = {"File", "Shared With"};
352
353     DefaultTableModel model = new DefaultTableModel(data, col);
354     JTable table = SessionTopComponent.getDefault().getTable();
355     table.setModel(model);
356
357     // SessionTopComponent.getDefault().getTable().getModel().setValueAt
358     // SessionTopComponent.getDefault().getTable().getModel().setValueAt
359
360     while (i.hasNext())
```

alkunrath
amador
beto.mallmann
daniel.dupre
daniel.heisler
druciaki
frede.sch
guired
jczucco
lcmatte
nasair
nessaonfire
rudimarstoll
service
vilson

Wilson: away

- Invite to share SessionTopComponent.java
- Start Text Chat
- Voice Call
- Task Management

XMPP: authenticated

SIP: Nr Call

not registered

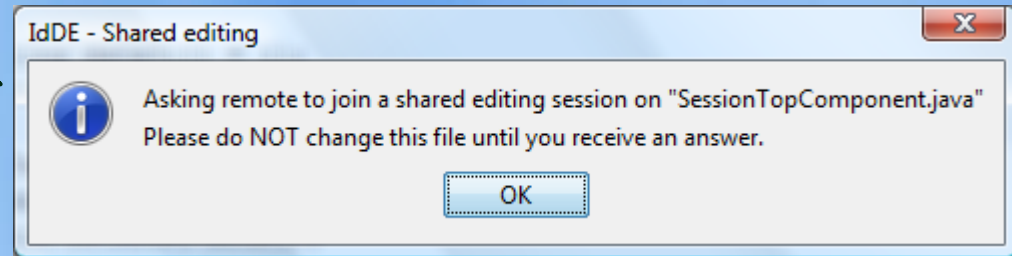
| Filename | Shared with users |
|-------------------------------|--|
| No files are being shared yet | Right click a contact to start sharing |

Ocorrências Subversion Tarefas Hierarquia de chamada Java Resultados do teste Resultados da pesquisa Pontos de interrupção

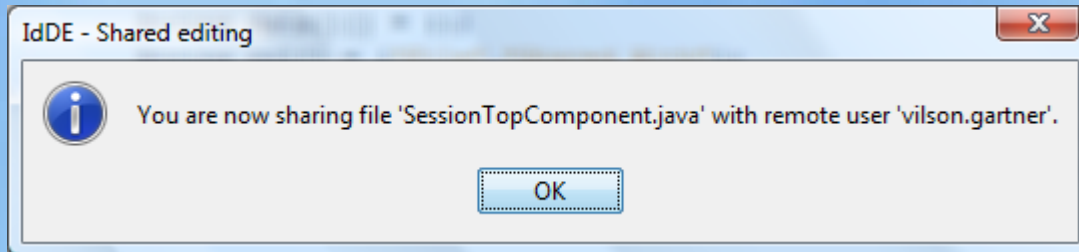
352 | 1 | INS

Solicitando Compartilhamento

Solicitando início de sessão...

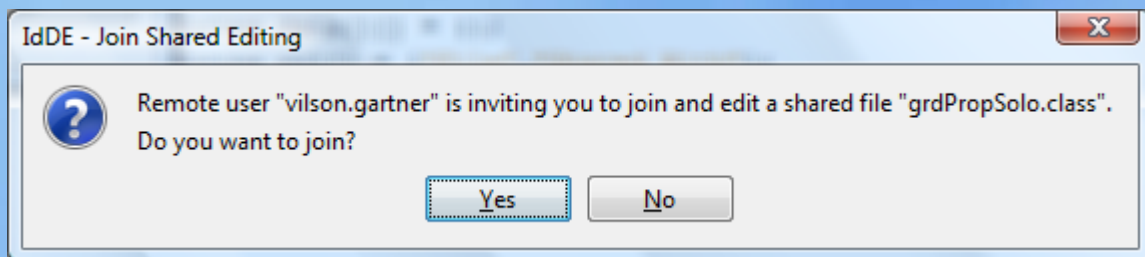


Usuário remoto aceitou.

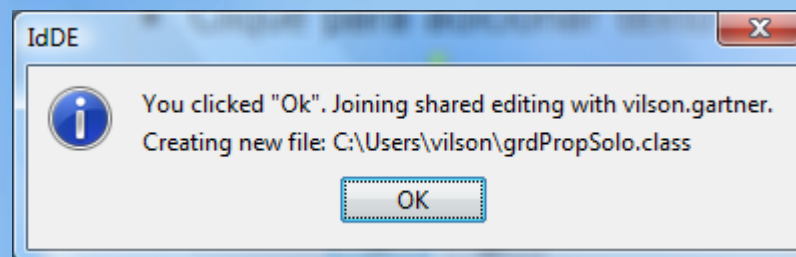


Recebendo Solicitação

Usuário remoto quer iniciar uma sessão de edição.



Aceitei... é criado um arquivo na pasta do usuário



Edição Colaborativa

The screenshot shows the NetBeans IDE interface with the following components:

- Project Explorer:** Displays the project structure, including files like `SessionTopComponent.java`, `SessionTopComponentSettings.xml`, and various package folders like `org.idde.chat`.
- Main Editor:** Shows the source code of `SessionTopComponent.java`. The code includes a `String col[]` array and a `while` loop that iterates through a list of files and inserts rows into a table model.
- IdDE Sessions Window:** A table showing active sessions. It has two columns: `File` and `Shared With`. The sessions listed are `SessionTopComponent.java` and `grdPropSolo.class`, both shared with `[vilson.gartner]`.

| File | Shared With |
|--------------------------|------------------|
| SessionTopComponent.java | [vilson.gartner] |
| grdPropSolo.class | [vilson.gartner] |

Edição Colaborativa

IdDE - Integrated and Distributed Development Environment - NetBeans IDE 6.9

Arquivo Editar Exibir Navegar Código-fonte Refatorar Executar Depurar Perfil Equipe Ferramentas Janela Ajuda

Projeto: `SessionTopComponent.java`

```
340  * This method updates the table, getting data from SessionControl
341  */
342  public static void updateTableData()
343  {
344      Set sharedFiles = SessionControl.getSharedFiles();
345
346      Iterator i = sharedFiles.iterator();
347      String fileName;
348      int row = 0;
349      int col = 0;
350
351      String data[][] = {};
352      String col[] = {"File", "Shared With"};
353
354      DefaultTableModel model = new DefaultTableModel(data, col);
355      JTable table = SessionTopComponent.getDefault().getTable();
356      table.setModel(model);
357
358      // SessionTopComponent.getDefault().getTable().getModel().setValueAt("Arquivo.java", row + 1, 0);
359      // SessionTopComponent.getDefault().getTable().getModel().setValueAt(SessionControl.getSharedUsers("
360
361      while (i.hasNext())
362      {
```

Visualização dos membros

- SessionTopComponent :: TopComponent
 - SessionTopComponent()
 - componentClosed()
 - componentOpened()
 - findInstance(): SessionTopComponent
 - getDefault(): SessionTopComponent
 - getPersistenceType(): int
 - getTable(): JTable
 - initComponents()

IdDE Sessions

| File | Shared With |
|--------------------------|------------------|
| SessionTopComponent.java | [wilson.gartner] |
| grdPropSolo.class | [wilson.gartner] |

Ocorrências Subversion Tarefas Hierarquia de chamada Java Resultados do teste Resultados da pesquisa Pontos de interrupção

Edição Colaborativa

The screenshot shows the NetBeans IDE interface with the following components:

- Window Title:** IdDE - Integrated and Distributed Development Environment - NetBeans IDE 6.9
- Menu Bar:** Arquivo, Editar, Exibir, Navegar, Código-fonte, Refatorar, Executar, Depurar, Perfil, Equipe, Ferramentas, Janela, Ajuda
- Toolbar:** Standard IDE icons for file operations and development.
- Project Explorer (Left):** Shows a project structure with files like `SessionTopComponent.java`, `SessionTopComponentSettings.xml`, and `iddeTopComponent.java`. A red arrow points to the `idde_top_component.java` file.
- Code Editor (Center):** Displays the source code of `SessionTopComponent.java`. The method `updateTableData()` is visible, with a tooltip showing `Remote user: vilson.gartner;` over a line of code. The code includes comments and logic for updating a table with data from `SessionControl`.
- Debugger (Bottom):** Shows the `IdDE Sessions` window with a table of active sessions.

| File | Shared With |
|--------------------------|------------------|
| SessionTopComponent.java | [vilson.gartner] |
| grdPropSolo.class | [vilson.gartner] |

Edição Colaborativa

The screenshot shows the NetBeans IDE interface with the following components:

- Window Title:** IdDE - Integrated and Distributed Development Environment - NetBeans IDE 6.9
- Menu Bar:** Arquivo, Editar, Exibir, Navegar, Código-fonte, Refatorar, Executar, Depurar, Perfil, Equipe, Ferramentas, Janela, Ajuda
- Toolbar:** Standard IDE icons for file operations and development.
- Project Explorer (Arqu...):** Shows a project structure with files like `SessionTopComponent.java`, `SessionTopComponentSettings.xml`, and `org.idde.chat`. A red arrow points to the `SessionTopComponent.java` file.
- Code Editor (Código-fonte):** Displays the source code of `SessionTopComponent.java`. The `updateTableData()` method is visible, with a yellow tooltip showing collaborative edits:

```
' inserted by vilson.gartner @ column 0  
'i' inserted by vilson.gartner @ column 8  
'n' inserted by vilson.gartner @ column 9  
't' inserted by vilson.gartner @ column 10  
' ' inserted by vilson.gartner @ column 11  
'r' inserted by vilson.gartner @ column 12  
'o' inserted by vilson.gartner @ column 13  
'w' inserted by vilson.gartner @ column 14  
3 chars removed by vilson.gartner @ column 12  
'c' inserted by vilson.gartner @ column 12  
'o' inserted by vilson.gartner @ column 13  
'l' inserted by vilson.gartner @ column 14  
'u' inserted by vilson.gartner @ column 15  
'm' inserted by vilson.gartner @ column ...
```
- Navigator (Navegador):** Shows the class hierarchy for `SessionTopComponent` with methods like `componentClosed()`, `componentOpened()`, and `findInstance()`.
- IdDE Sessions:** A table showing the current session's state.

| File | Shared With |
|--------------------------|------------------|
| SessionTopComponent.java | [vilson.gartner] |
| grdPropSolo.class | [vilson.gartner] |
- Bottom Bar:** Includes tabs for `Ocorrências`, `Subversion`, `Tarefas`, `Hierarquia de chamada Java`, `Resultados do teste`, `Resultados da pesquisa`, and `Pontos de interrupção`.

Edição Colaborativa

The screenshot shows the NetBeans IDE 6.9 interface. The main editor window displays the source code for `SessionTopComponent.java`. The code includes a comment: `/** This method updates the table, getting data from SessionControl */` and a `public static void updateTableData()` method. The method contains logic to retrieve shared files, iterate through them, and update a table model. A context menu is open over the code, listing actions such as "Send chat message to all users", "Exit this editing session", "Show all changes made on this file", "Send my version to remote (All)", and "Verify if users are still connected".

The bottom panel shows the "IdDE Sessions" window, which displays a table of active sessions:

| File | Shared With |
|--------------------------|------------------|
| SessionTopComponent.java | [wilson.gartner] |
| grdPropSolo.class | [wilson.gartner] |