

IdDE 

Integrated and **d**istributed
Development **E**nvironment

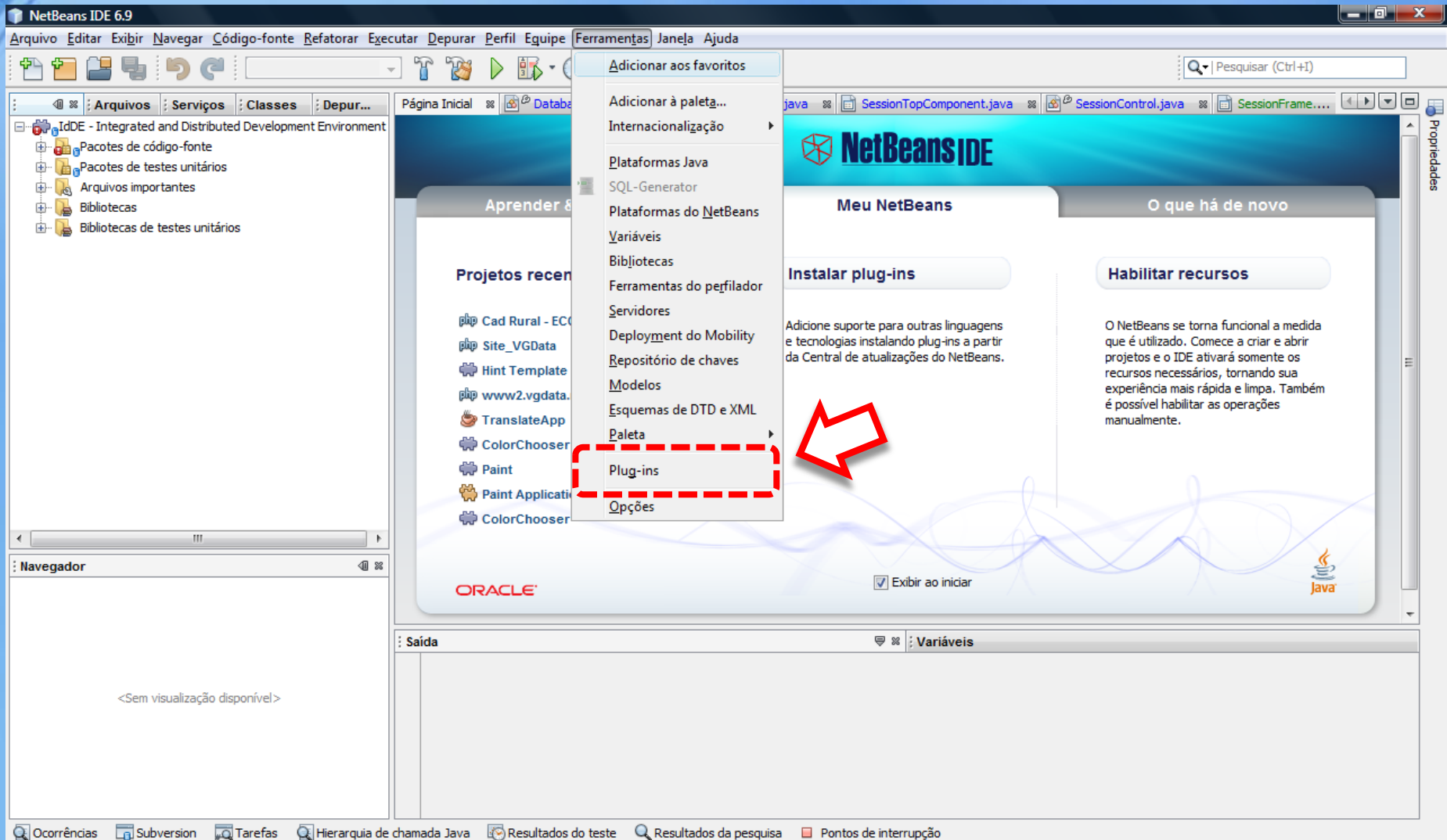
Vilson Cristiano Gärtner

vilson@gartner.net.br

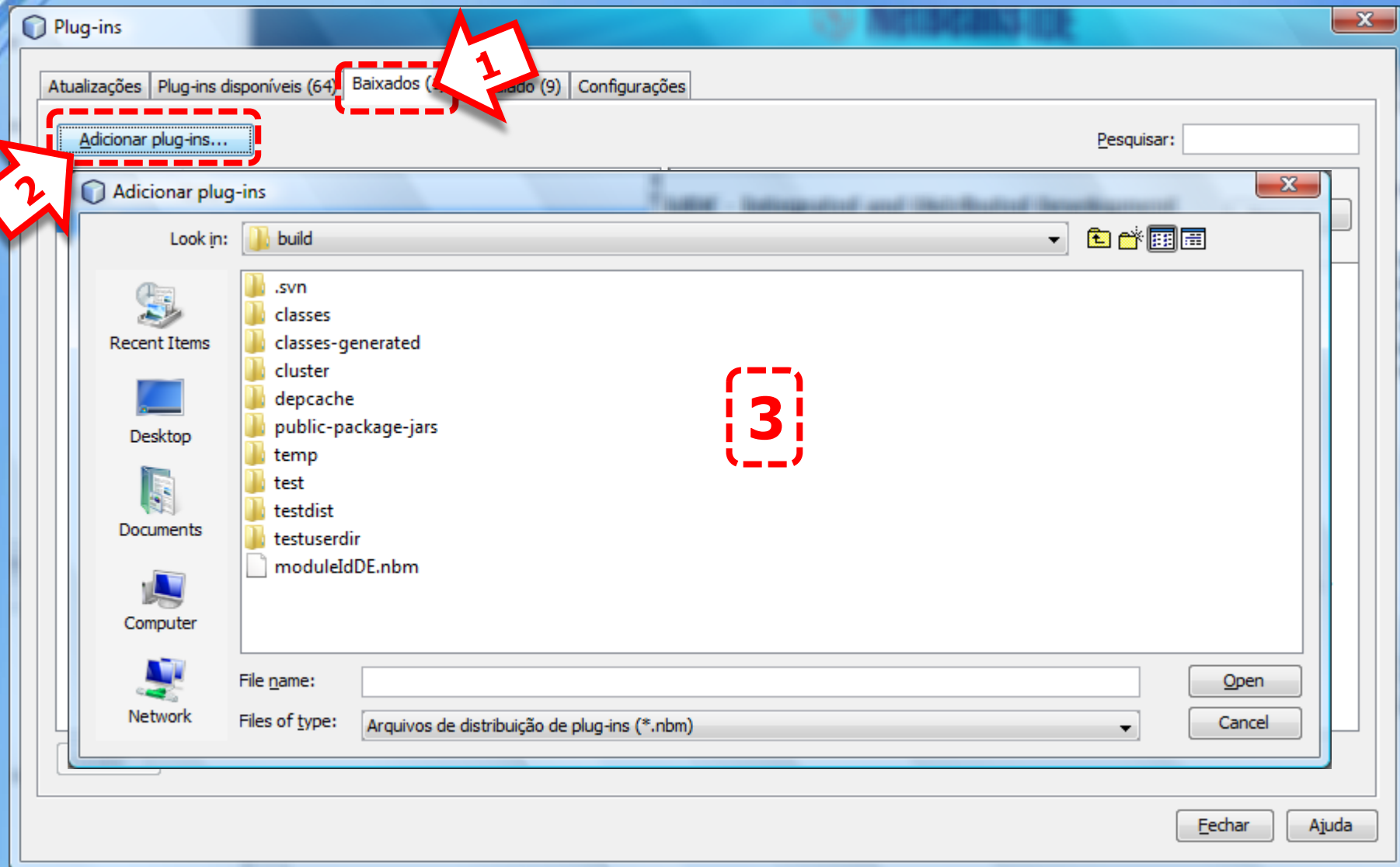
O que é?

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

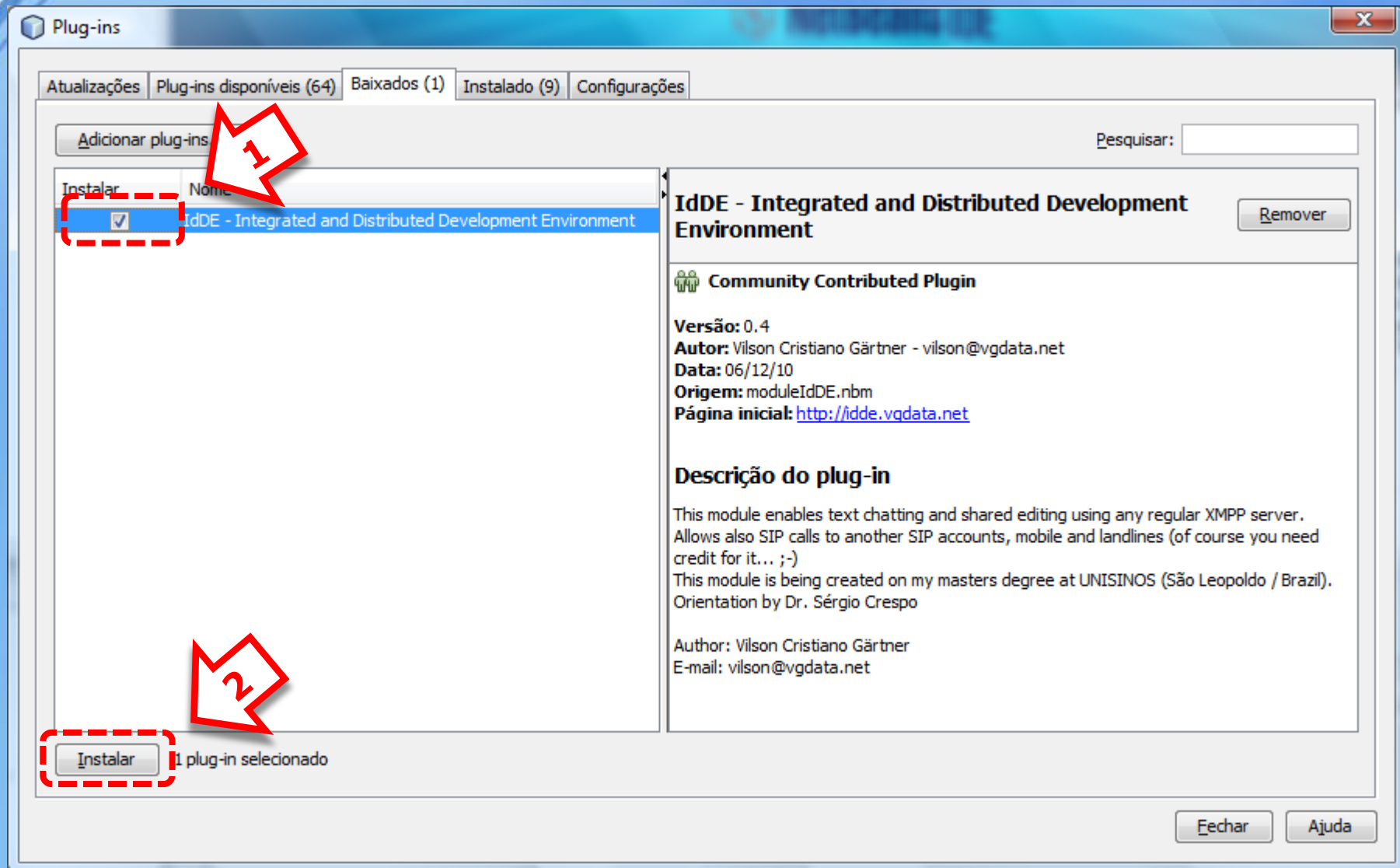
Instalação



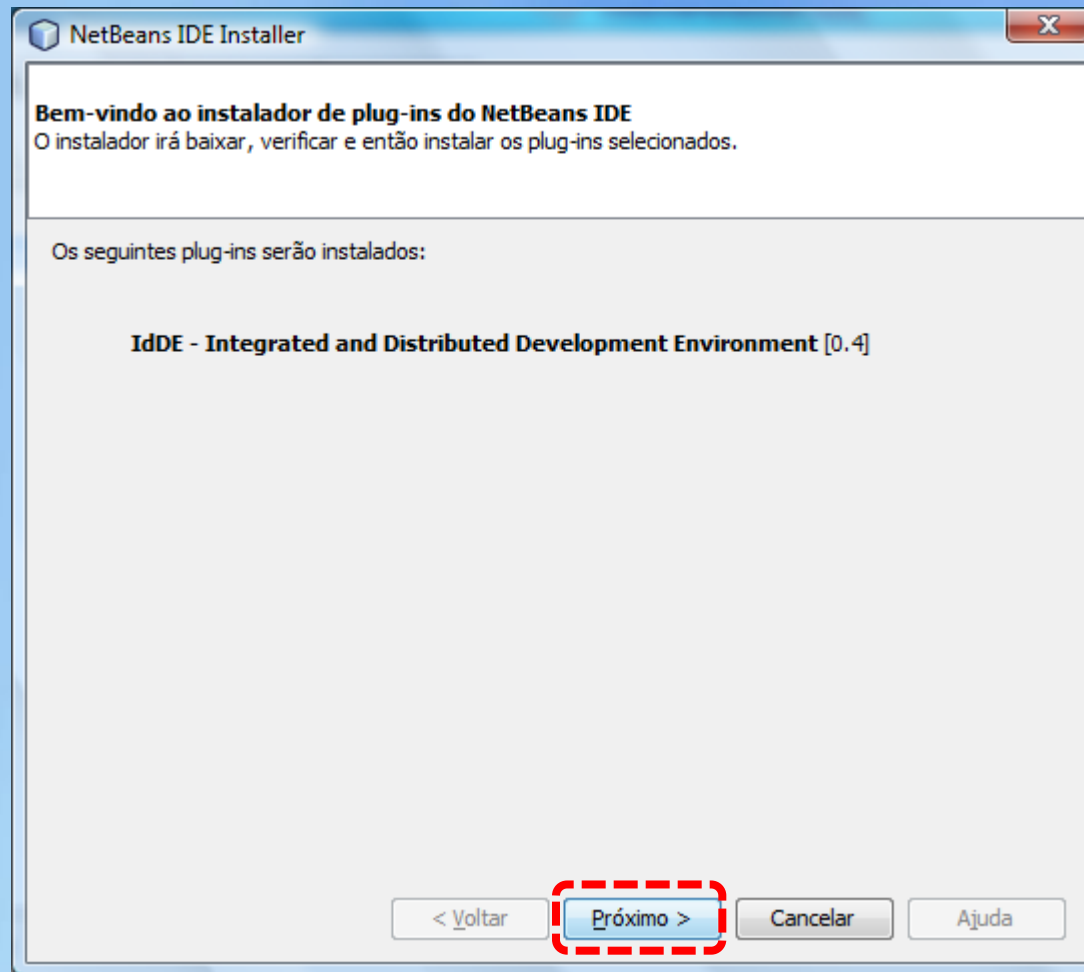
Instalação



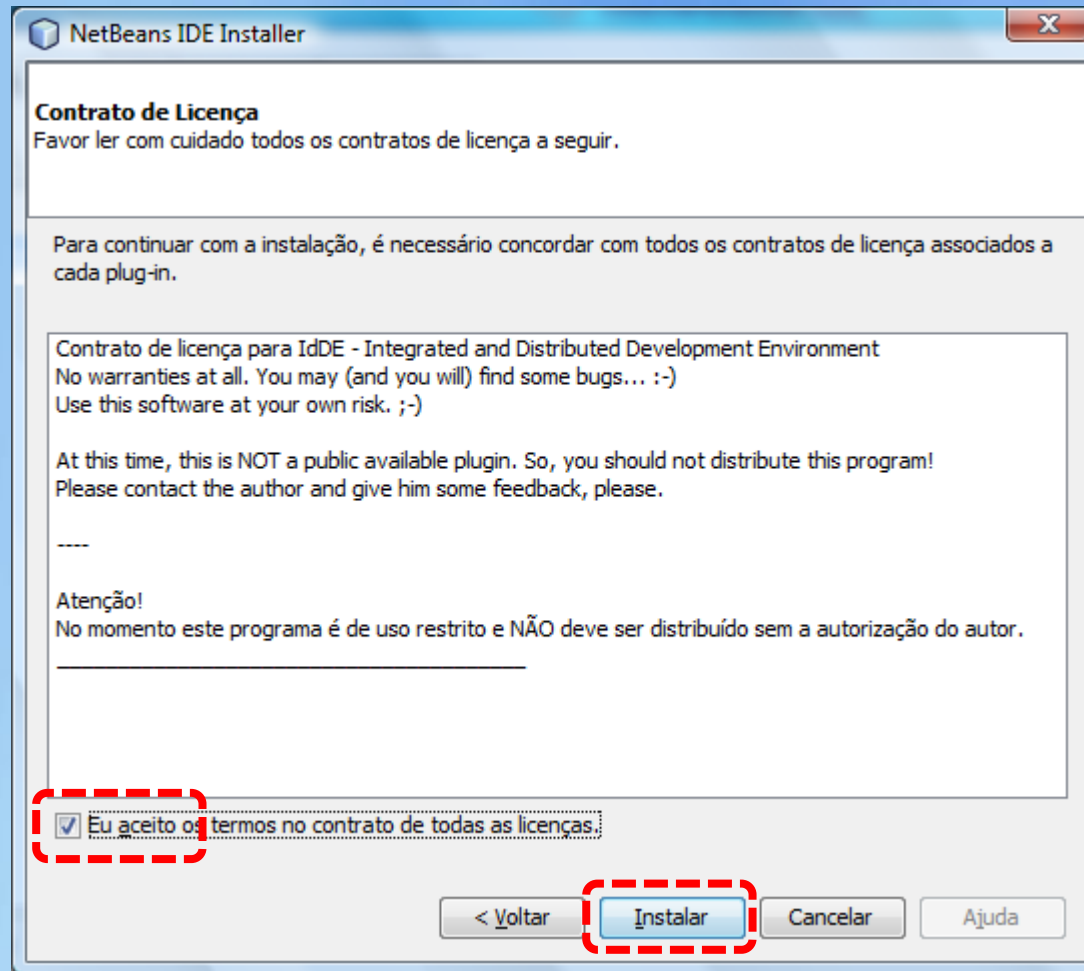
Instalação



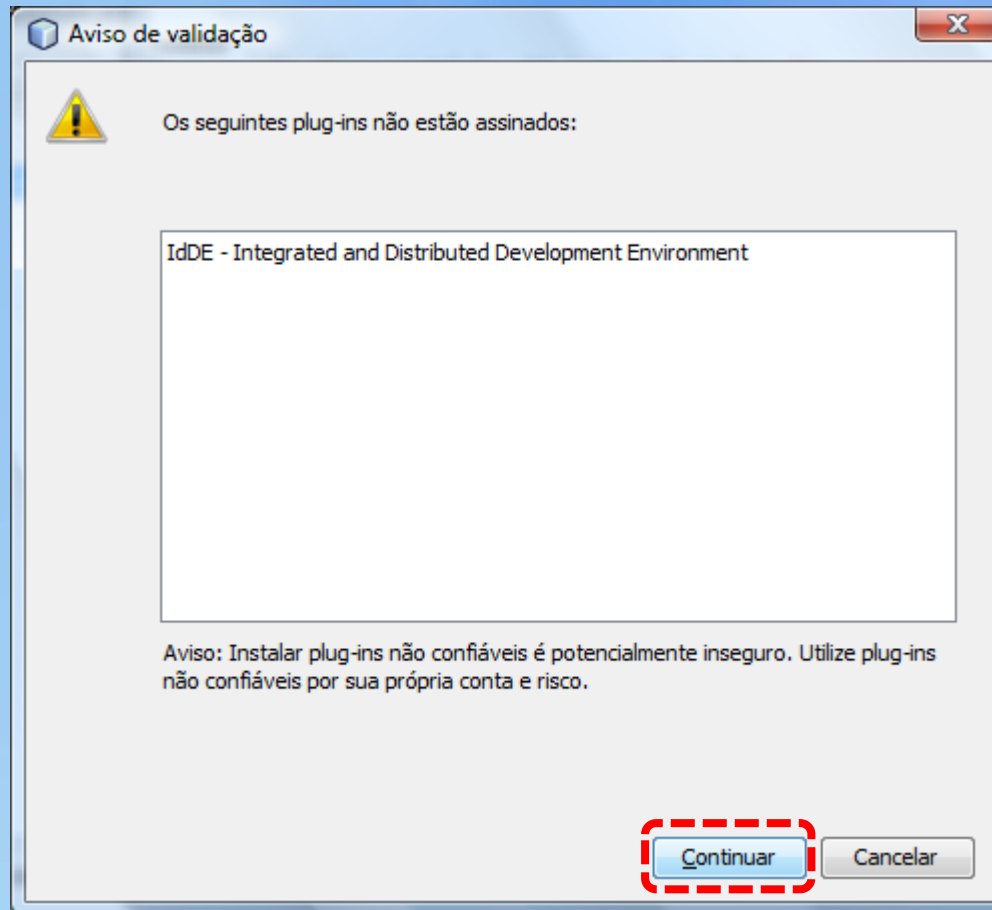
Instalação



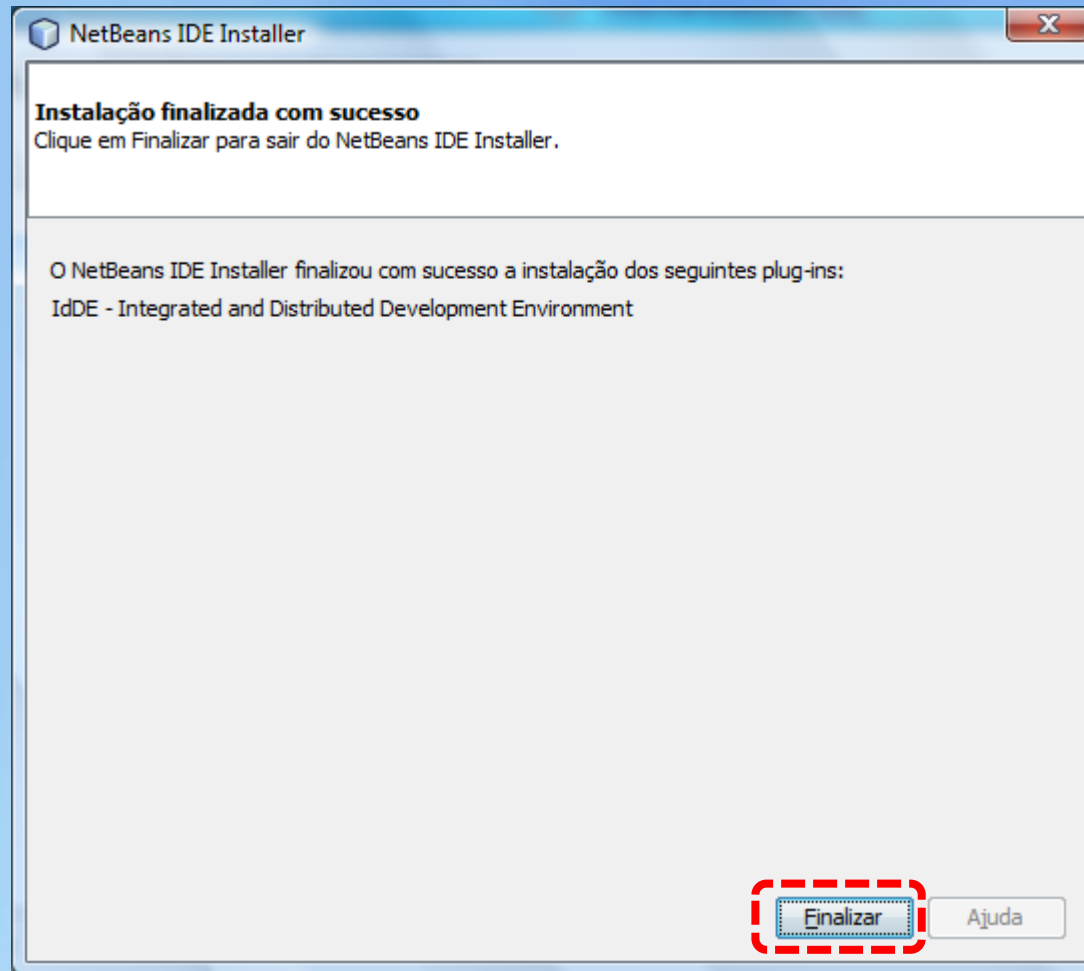
Instalação



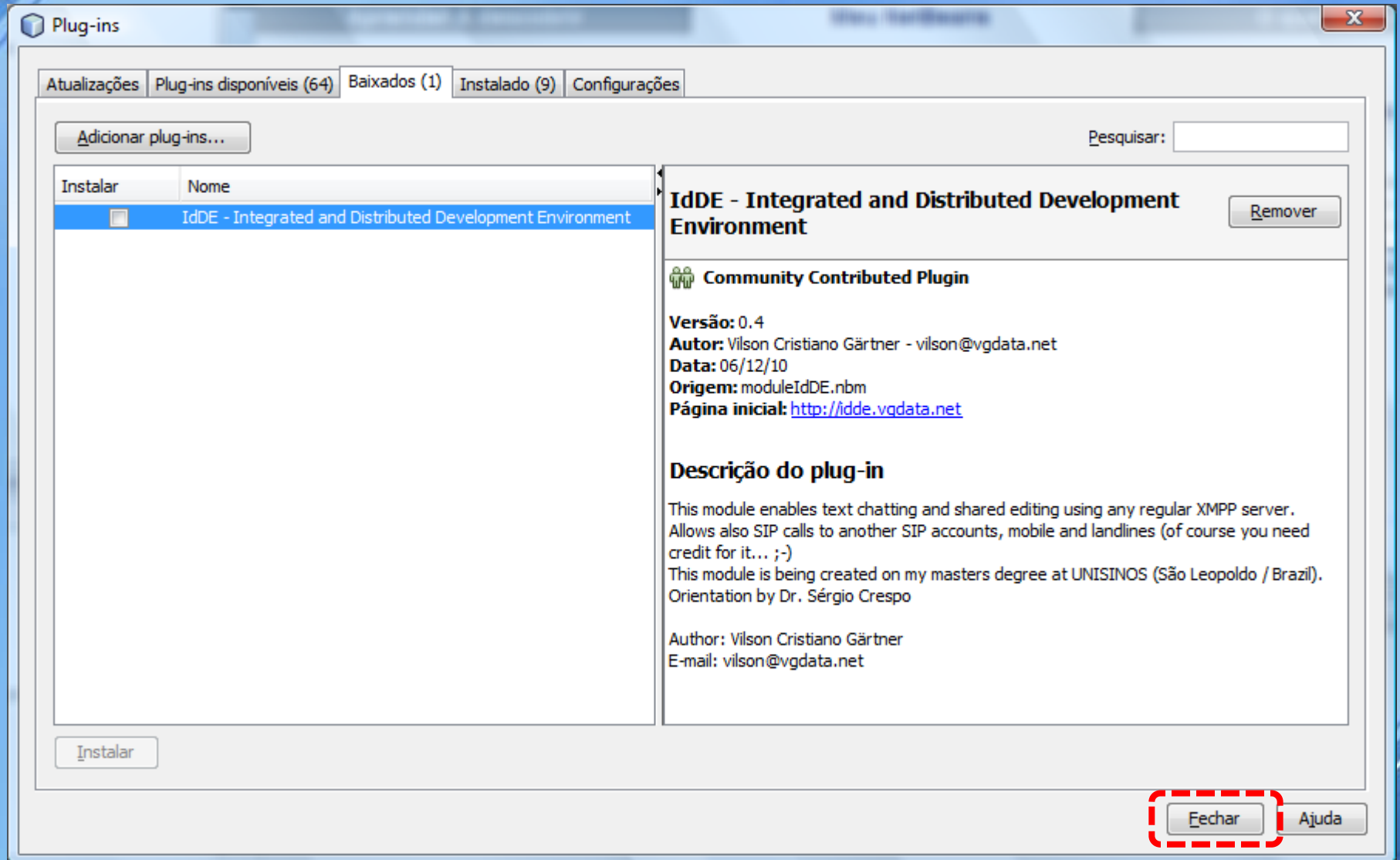
Instalação



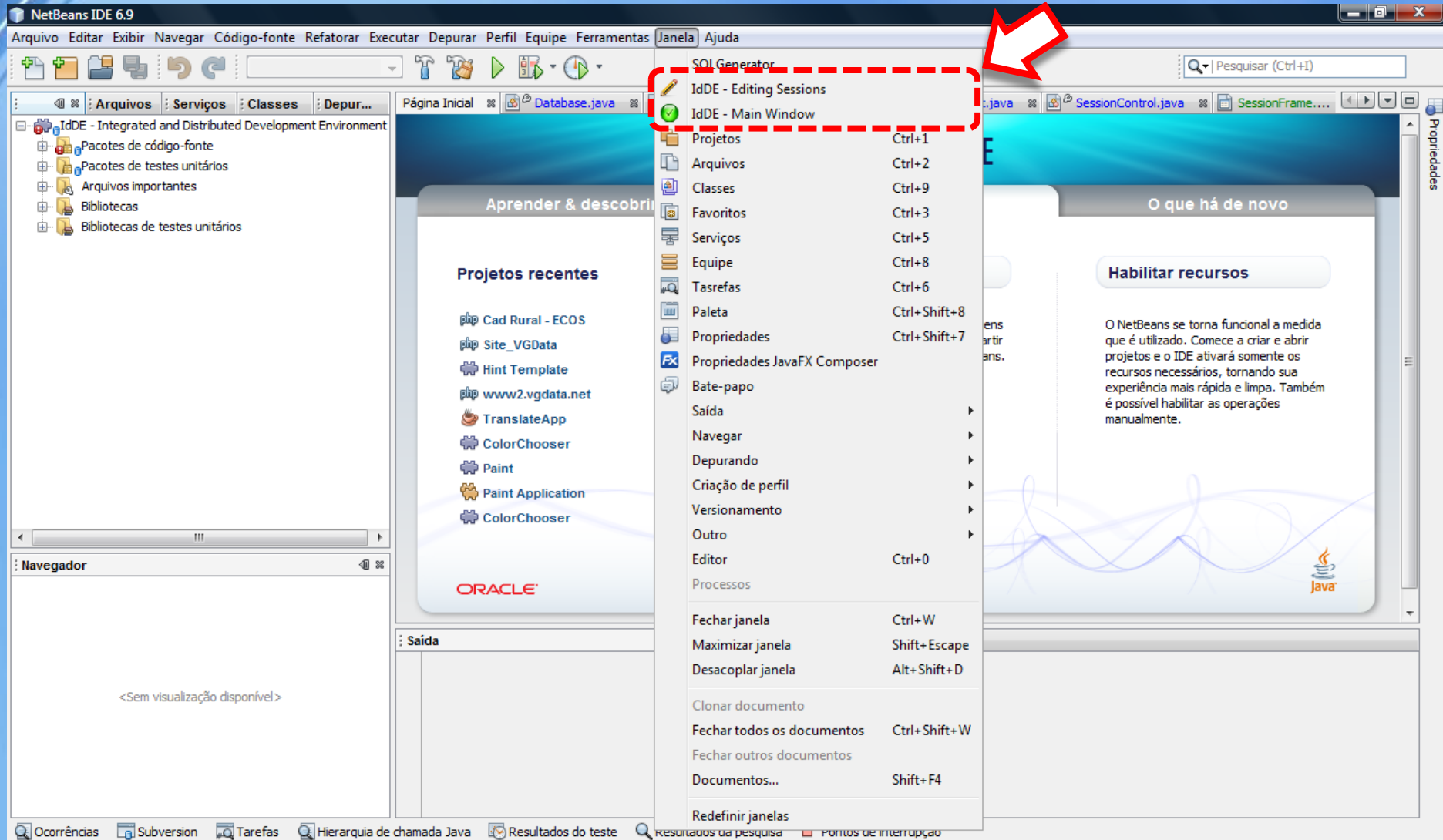
Instalação



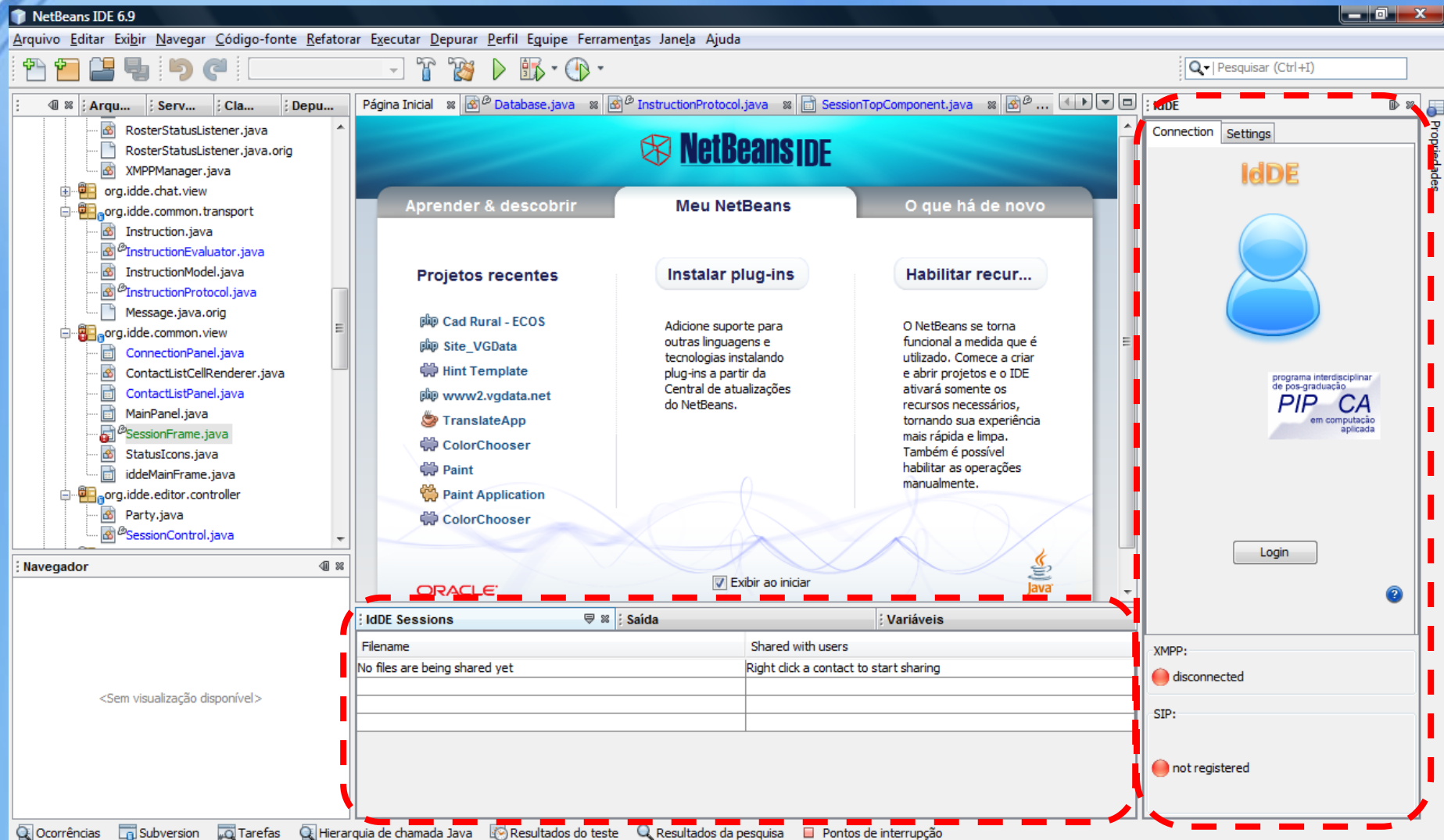
Instalação



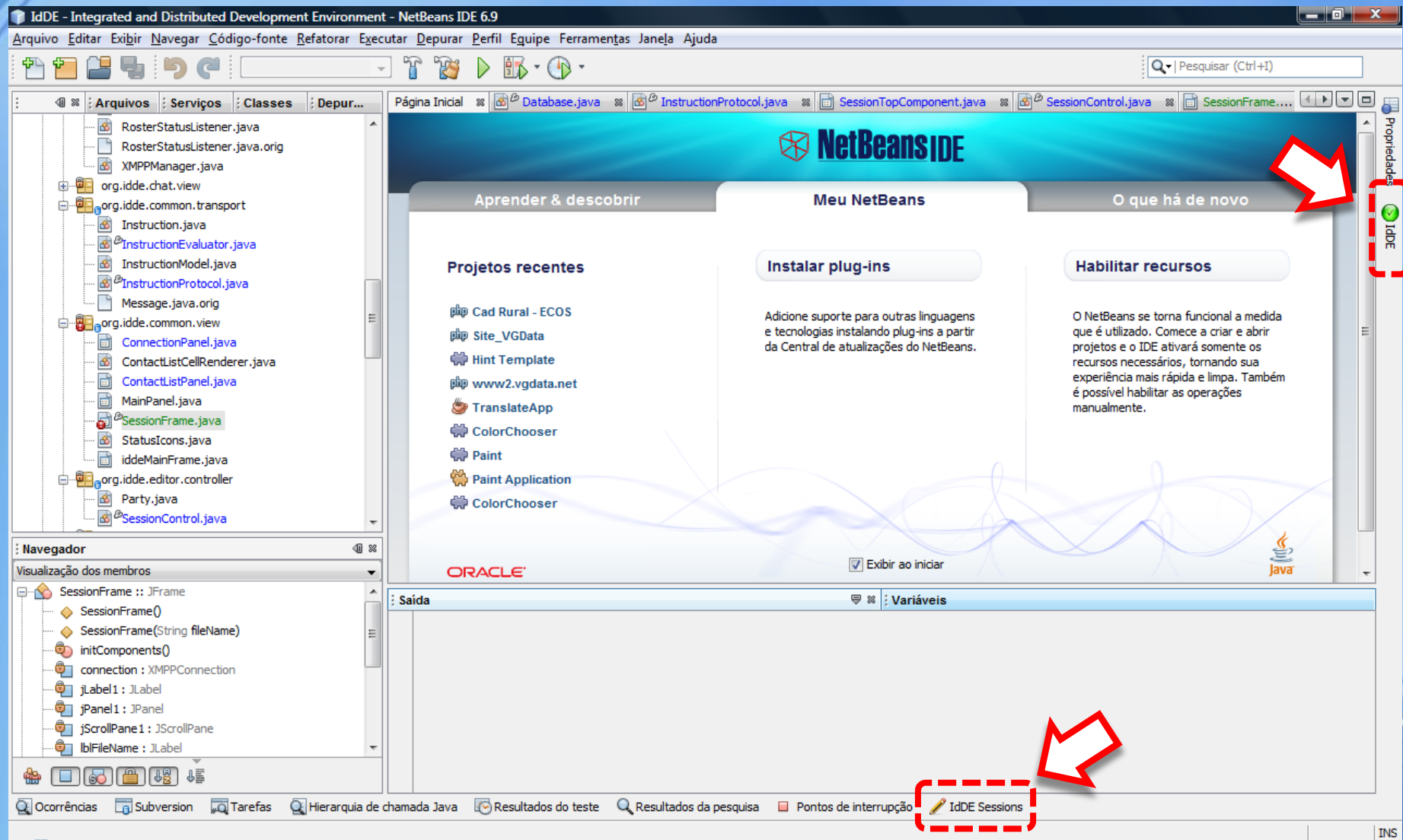
Abrindo...



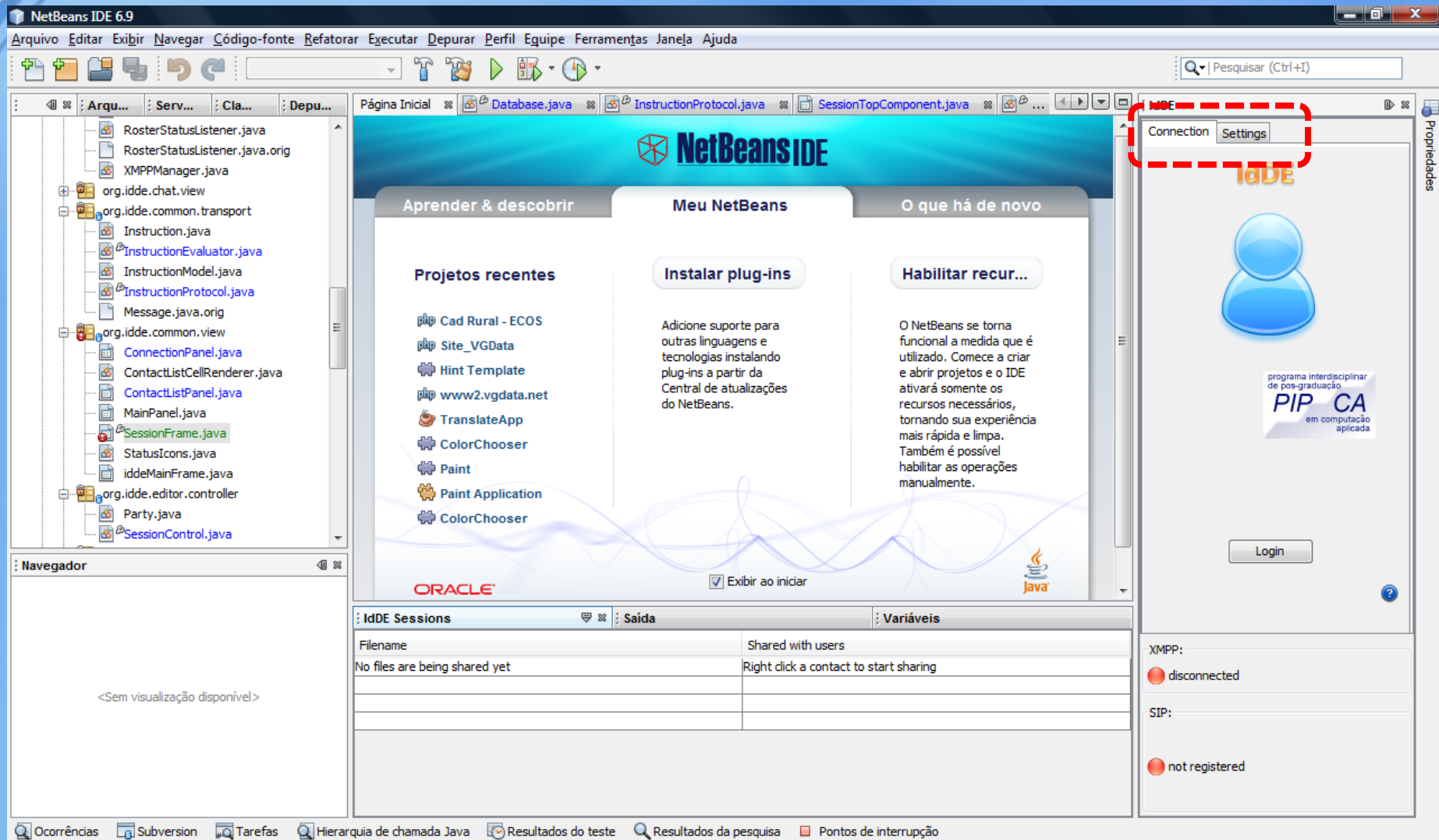
Integração com Netbeans



Integração com Netbeans



Configuração



Configuração

The screenshot displays the NetBeans IDE 6.9 interface. The main window shows the 'IdDE' configuration panel with tabs for 'Connection' and 'Settings'. The 'Settings' tab is active, showing 'XMPP Settings' and 'SIP Settings'. The 'XMPP Settings' section includes fields for 'Server' (talk.google.com), 'Username' (vgartner), 'Password' (masked), 'Port' (5222), and 'Resource' (gmail.com). The 'SIP Settings' section includes fields for 'Server' (sip.vgdata.net), 'Username' (7474743), 'Password' (masked), and 'Port' (5061). A red arrow points to the search bar in the top right corner, labeled 'Pesquisar (Ctrl-F)'. The left sidebar shows a project tree with files like 'RosterStatusListener.java', 'XMPPManager.java', and 'SessionFrame.java'. The bottom status bar shows various toolbars and a table for 'IdDE Sessions'.

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

Projeto recente

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

Instalar plug-ins

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

Habilitar recur...

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.

IdDE Sessions

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

Configuração

The screenshot shows the NetBeans IDE 6.9 interface. The main window displays the 'NetBeans IDE' splash screen with tabs for 'Aprender & descobrir', 'Meu NetBeans', and 'O que há de novo'. A red arrow points to the 'Settings' tab in the 'IdE' panel on the right. The 'Settings' tab is further divided into 'Connection' and 'Behavior' sub-tabs. The 'Connection' sub-tab is active, showing fields for 'Phone Numbers' (Mobile: 555181181409, Landline: 555137202765) and checkboxes for 'Use encoded messages (Base64)', 'Allow only ASCII chars', and 'Log changes to DB'. The 'Behavior' sub-tab is also visible. The left sidebar shows a project tree with files like 'RosterStatusListener.java', 'XMPPManager.java', and 'org.idde.chat.view'. The bottom status bar includes tabs 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

IdE

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

XMPP:

disconnected

SIP:

not registered

Projeto recentes

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

Instalar plug-ins

Habilitar recur...

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

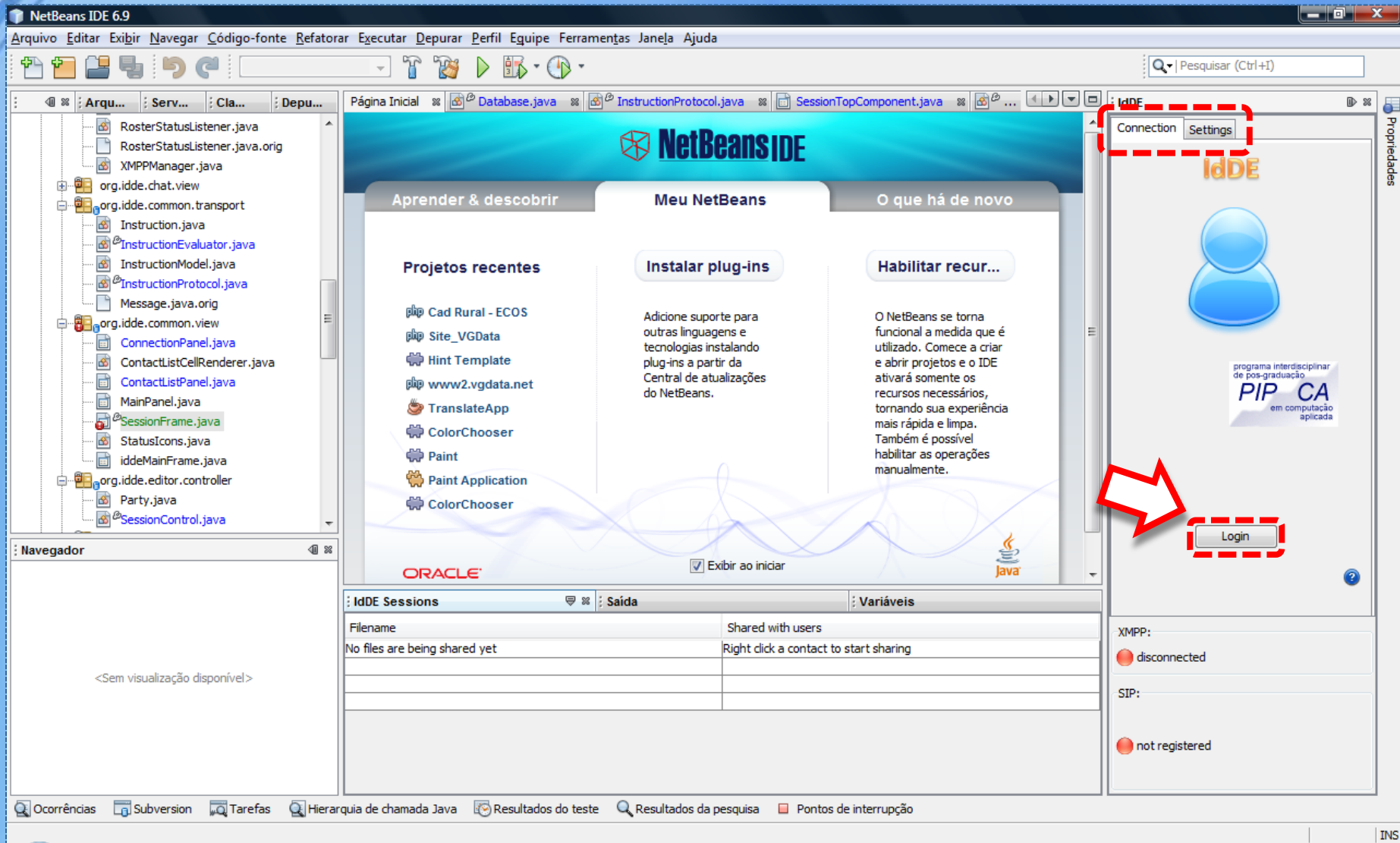
IdE Sessions Saída Variáveis

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

Iniciando...



Iniciando...

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...

SessionTopComponent.java
SessionTopComponentSettings.xml
SessionTopComponentWstcref.xml
build.properties
IddeTopComponent.java
iddeTopComponentSettings.xml
iddeTopComponentWstcref.xml
idde_caret_pos_ann.png
idde_caret_pos_ann1.png
idde_check.png
idde_check_annotation.png
layer.xml
sessionWindowIcon.png
org.idde.chat
org.idde.chat.controller
org.idde.chat.model
AbstractModel.java
ChatEventListener.java
ChatMessage.java
ConnectionStatusListener.java
Contact.java

updateTableData - Navegador

Visualização dos membros

- getPersistenceType() : int
- getTable() : JTable
- initComponents()
- JTable1MouseClicked(MouseEvent evt)
- preferredID() : String
- readProperties(Properties p) : Object
- readPropertiesImpl(Properties p)
- showRowPopUp(MouseEvent evt)
- updateTableData()

Código-fonte

```
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

- alkunrath
- amador
- beto.mallmann
- daniel.dupre
- daniel.heisler
- druciaki
- frede.sch
- guired
- jczucco
- lcmatte
- nasair
- nessaonfire
- rudimarstoll
- service
- vilson
- viviane.andreia
- ycastelfranchi
- Amigos
 - fernandobohrer
 - fjbohrer
 - raffaeldutra
- Aula
 - alessandro.parin
 - associacao.unisinos
 - crespo.unisinos
 - faborafaeldamasceno
 - janaina.lemos
 - leonardormachado
- No Group
- XMPP:
 - authenticated
- SIP:
 - Nr
 - Call
- not registered

IdDE Sessions

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

Variáveis

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

Menu de Contexto

The screenshot displays the NetBeans IDE 6.9 interface. The main editor shows the `updateTableData()` method in `SessionTopComponent.java`. The left sidebar contains the Project Explorer and the Members view for the `updateTableData` method. The right sidebar shows the XMPP contact list with a context menu open over the contact `vilson`. The context menu options are:

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

A red dashed box highlights the context menu, and a red arrow points to it from the left. The bottom status bar shows the current session is `IdDE Sessions` and the contact is `Saída`.

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

Código-fonte Projeto

```
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())
```

updateTableData - Navegador

Visualização dos membros

- getPersistenceType() : int
- getTable() : JTable
- initComponents()
- JTable1MouseClicked(MouseEvent evt)
- preferredID() : String
- readProperties(Properties p) : Object
- readPropertiesImpl(Properties p)
- showRowPopUp(MouseEvent evt)
- updateTableData()

IdDE Sessions Saída Variáveis

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

XMPP: authenticated

SIP:

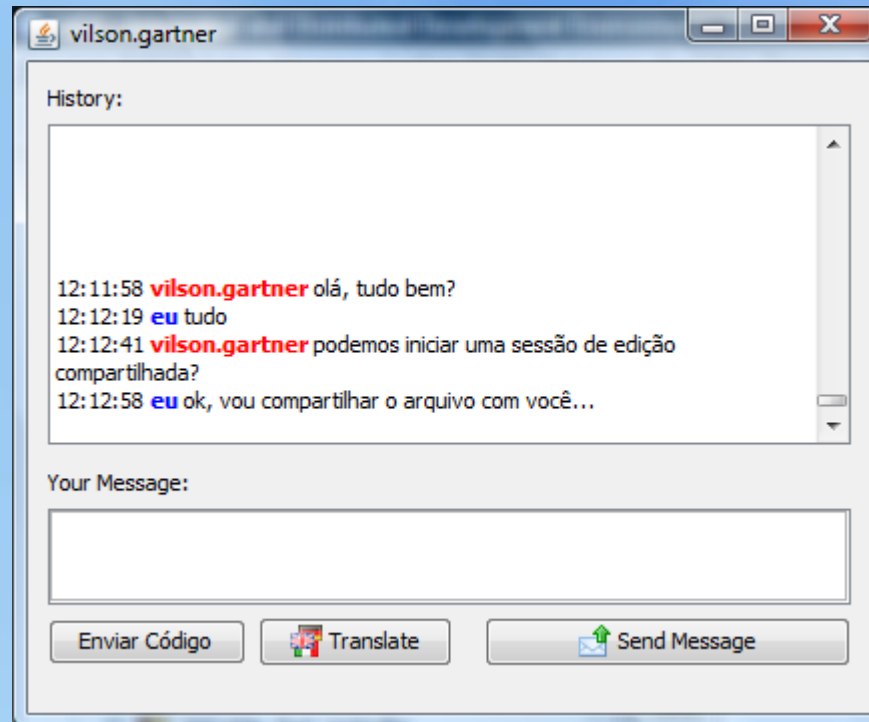
Nr Call

not registered

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

352 | 1 | INS

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

Código-fonte Projeto

```
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())
```

updateTableData - Navegador

Visualização dos membros

- getPersistenceType() : int
- getTable() : JTable
- initComponents()
- JTable1MouseClicked(MouseEvent evt)
- preferredID() : String
- readProperties(Properties p) : Object
- readPropertiesImpl(Properties p)
- showRowPopUp(MouseEvent evt)
- updateTableData()

IdDE Sessions Saída Variáveis

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

Invite to share SessionTopComponent.java

Start Text Chat

Voice Call

Task Management

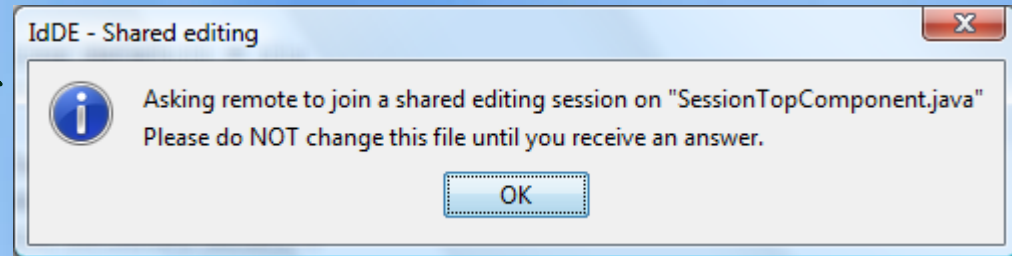
XMPP: authenticated

SIP: Nr Call

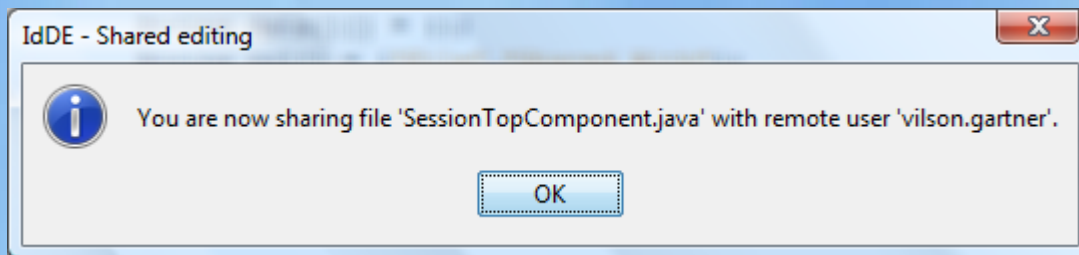
not registered

Solicitando Compartilhamento

Solicitando início
de sessão...

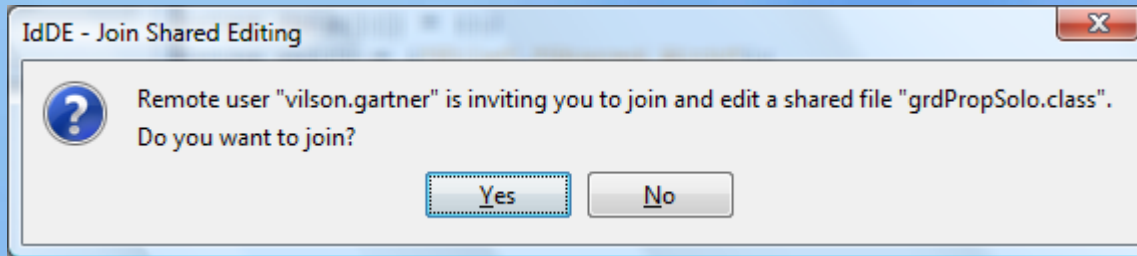


Usuário remoto
aceitou.

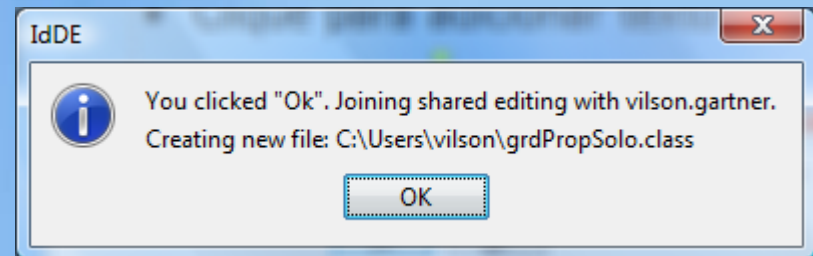


Recebendo Solicitação

Usuário remoto quer iniciar uma sessão de edição.



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



Edição compartilhada

IdDE - Integrated and Distributed Development Environment - NetBeans IDE 6.9

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

Pesquisar (Ctrl+I)

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

SessionTopComponent.java
SessionTopComponentSettings.xml
SessionTopComponentWstref.xml
build.properties
iddeTopComponent.java
iddeTopComponentSettings.xml
iddeTopComponentWstref.xml
idde_caret_pos_ann.png
idde_caret_pos_ann1.png
idde_check.png
idde_check_annotation.png
layer.xml
sessionWindowIcon.png
org.idde.chat
org.idde.chat.controller
org.idde.chat.model
AbstractModel.java
ChatEventListener.java
ChatMessage.java
ConnectionStatusListener.java
Contact.java

Navegador

Visualização dos membros

SessionTopComponent :: TopComponent

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

Código-fonte

```
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("Arquivo.java"), row + 1, 0);  
360  
361 while (i.hasNext())  
362 {  
363     fileName = (String) i.next();  
364  
365     model.insertRow(row, new Object[]  
366         {fileName, SessionControl.getSharedUsers(fileName)});  
367  
368     row++;  
369 }  
370  
371 }  
372
```

IdDE Sessions

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

Set of icons at the bottom of the IDE interface.

Edição compartilhada

IdE - 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...

SessionTopComponent.java
SessionTopComponentSettings.xml
SessionTopComponentWstref.xml
build.properties
iddeTopComponent.java
iddeTopComponentSettings.xml
iddeTopComponentWstref.xml
idde_caret_pos_ann.png
idde_caret_pos_ann1.png
idde_check.png
idde_check_annotation.png
layer.xml
sessionWindowIcon.png
org.idde.chat
org.idde.chat.controller
org.idde.chat.model
AbstractModel.java
ChatEventListener.java
ChatMessage.java
ConnectionStatusListener.java
Contact.java

Código-fonte

```
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     {
```

IdE 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 compartilhada

The screenshot shows the NetBeans IDE 6.9 interface. The main editor displays the `SessionTopComponent.java` file. A red box highlights the line `Remote user: vilson.gartner;` in the code editor. The left sidebar shows the project structure, including `SessionTopComponent.java` and `SessionTopComponentSettings.xml`. The bottom status bar shows the `IdDE Sessions` tab, which displays a table of sessions.

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

Edição compartilhada

The screenshot displays the NetBeans IDE 6.9 interface. The main editor window shows the `SessionTopComponent.java` file. A red arrow points to the file in the Project Explorer. A tooltip shows the user's cursor path: `'i' 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`, `'i' 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 ...`.

The bottom pane shows the `IdE Sessions` table, which lists the files being edited and the user who is sharing them.

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

Edição compartilhada

IdE - Integrated and Distributed Development Environment - NetBeans IDE 6.9

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

Projeto

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339  /**
340   * This method updates the table, getting data from SessionControl
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344      Set sharedFiles = SessionControl.getSharedFiles();
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347      String fileName;
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351      String data[][] = {};
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354      DefaultTableModel model = new DefaultTableModel(data, col);
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358      // SessionTopComponent.getDefault().getTable().getModel().setValueAt("Arquivo.java", row + 1, 0);
359      // SessionTopComponent.getDefault().getTable().getModel().setValueAt(SessionControl.getSharedUsers("
360
361      while (i.hasNext())
```

Navegador

Visualização dos membros

SessionTopComponent :: TopComponent

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

IdE Sessions

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

File: SessionTopComponent.java

- Send chat message to all users
- Exit this editing session
- Show all changes made on this file
- Send my version to remote (All)
- Verify if users are still connected

Ocorrências Subversion Tarefas Hierarquia de chamada Java Resultados do de interrupção