## Client

+ serverPort: int

+ serverName: String + clientName: String

+ Hello\_cmd: String

+ inKeyboard: DataInputStream

+ outServer: PrintStream

+ clientSocket: Socket

+ keyboard: BufferedReader+ inputServer: BufferedReader

+ thC: ThreadClient

+ Client (serverName, serverPort,

name)

+ hello(): void + Start(): void

+ sendData(): boolean

## cGui

-b\_width:int

-b height:int

-initial delay:int

-period interval:int

-chaton:boolean

-soundOn:boolean

-msgB:MessagesBundle

-isSetByProgram:boolean

-usernameField:JtextField

-userCombo:JcomboBox

-languageCombo:JcomboBox

-soundCheckbox:JCheckBox

-boxUpper:Box

-boxCenter:Box

-usernameLabel:JLabel

-languageLabel:JLabel

-addressLabel:JLabel

-soundLabel:JLabel

-btnStart:JButton

-textPane:JtextPane

+cGUI ()

+MenuStart(): void

+Menu: void

-addStyleToTextPane(): void-ClipSound(Clip,state): void

-StartChat(): void

+actionPerformed(event):void

-sendMsg(): void

-panelMenuStatus(status): void

-chglanguage(): void

-buildComponent: void

-buildList: void

+paintComponent(graphics):void

## MessasBundle

-language: String-country: String

-currentLocale: Locale

-messages: resourcebundle

+Messagesbundle(): void

+SetLanguage(language,country):

voic

+GetResourceKey(value):String

+getResourcevalue(jey): String