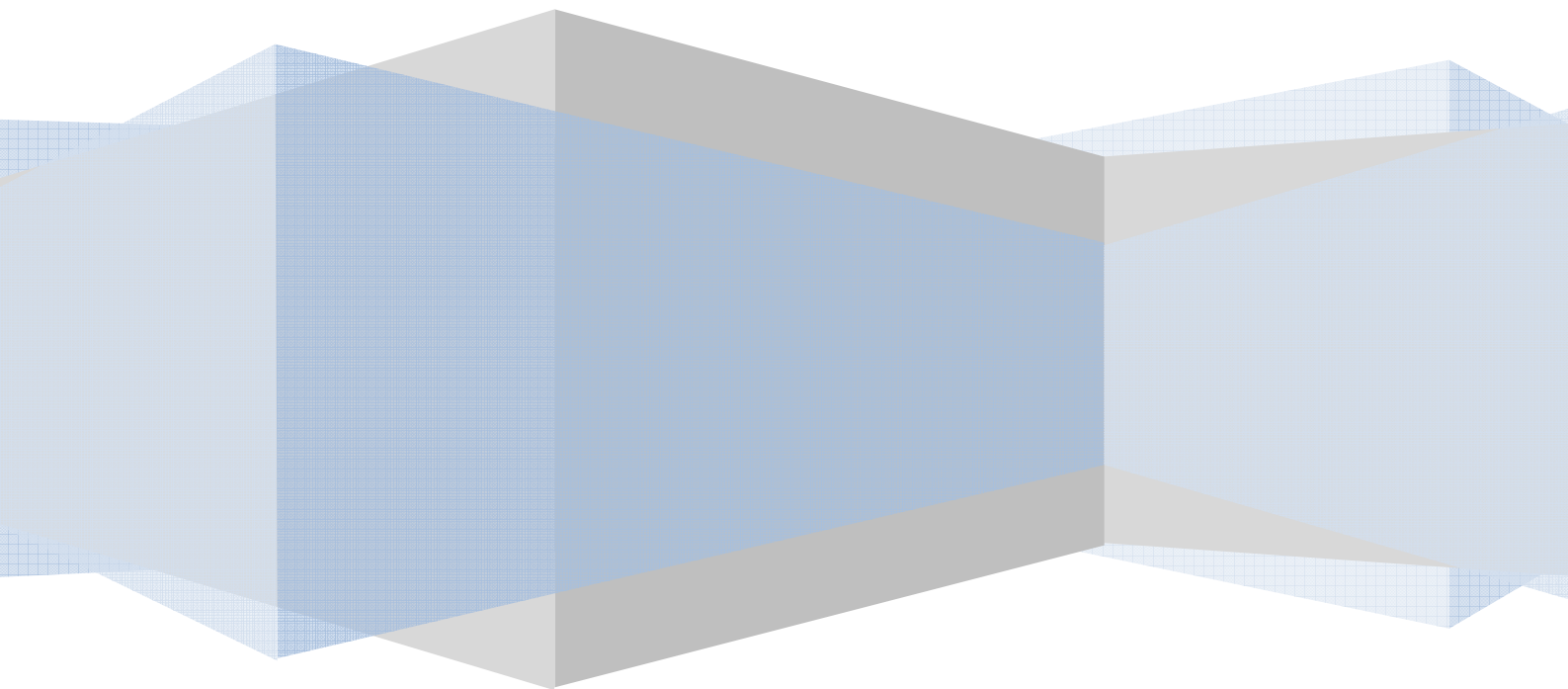


Guile 3D Studio

Virtual Assistant Denise

User Manual

Version 1.0



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Welcome

Thank you for purchasing Virtual Assistant Denise. You are now entering a new world of human-computer interaction, and we at Guile 3D Studio are happy to have you with us in this new era of intelligent applications.

Virtual Assistant Denise is the beginning of a big change in the way everyone will use and interact with computers, smart phones and all kind of machines.

Denise's abilities and cognitive functions will grow and improve with time, and we need your help to feed her intelligence with new knowledge as well as help us improving her interface and usability. Denise is a very unique software, different from anything you've ever seen. Try to treat her as she was a real person. Sometime she will amaze you, sometime you will have to be patient and teach her the right thing to do.

Guile 3D Studio build Denise system to be an open platform, so regular users, companies or software integrators will have the tools to fully customize her to meet their specific needs and expectations.

It's important that you take some time to get used to this new way of interacting with your computer, so we really advice that you read this manual and the help files provided with Denise, as well as the knowledge base available in our web site.

One of the most important things is to understand how Voice Recognition works with Denise. In this initial version, we've decided to use only Voice Recognition in Command Mode. This means you will be able to fully control your computer using voice, but you will not be able to dictate a document or an e-mail body text. Although we already have a fully working Dictation Speech Recognition engine, we think that this feature still needs some improvement to avoid user's frustration. Voice Recognition is not perfect yet. It is still getting improved every day and Guile 3D Studio experts are working hard with other voice technology companies to improve this technology to the most. Don't forget you also need a good Noise Cancelling microphone and a silent place to get better results.

With Speech Recognition in Command Mode, Denise will clearly understand words and phrases from a User Custom Grammar file. This mode has great level of accuracy and is excellent for short commands like "Check E-mail", "Play Music", and "Weather Forecast".

With the upcoming Speech Recognition in Dictation Mode, Denise will try to understand every single word you say. This mode is used for dictating a new documents or e-mail body content. Dictation Mode is not as accurate as Command Mode, and depends of several factors, like User Training, good Noise Cancelling Microphone, quiet ambient and fast computer processor.

You will take some time to feel comfortable using Voice Recognition, but as soon as you get used to it, you will probably never get back to your keyboard and mouse!

In this first version, Denise's Artificial Intelligence is very focused on computer operation like checking e-mails, getting latest news, running applications and managing your appointments. Although you can talk to her about anything, understand that her free chat and learning capabilities will improve with time. Don't expect her to correctly answer all your questions. Think of Denise as a very smart young person that you, as her master, need to teach and take care.

Although we have exhaustively tested Denise, we know that bugs will appear. If you happen to find any problem running Denise, please use our Support Ticket System at our web site.

We believe in a couple of years you will hardly believe she's not a real human being. You will have a very important place on this improvement process, feeding her artificial brain with new knowledge and sending us your suggestions.

Thank You,

Guile 3D Studio Team

Denise's Version 1.0 Main Features

In this first release, Denise will help you with:

- Use your Voice to control your computer (short commands)
- Create your own custom Voice Commands to trigger actions
- Checking, reading and listing E-mails from several different accounts
- Creating new e-mails
- Scheduling appointments, meetings, tasks and alarms
- Getting and reading RSS Feeds
- Drag and drop any text over Denise's Face to make her read it aloud
- Drag and drop any .mp3 file over Denise's Face to make her play it
- Weather conditions and Forecast
- Playing your songs and creating Play Lists
- Searching the web, Wikipedia and several other web database
- Searching photos, videos and local files
- Open your desktop applications
- Reading aloud any text from any source
- Easily upload photos, images and videos to your Picasa and YouTube accounts
- PandoraBots Integration, using Denise as your interface
- Make Denise read your Skype incoming messages
- Remote controlling Denise from your Smartphone using Skype interface
- Getting What is Playing on nearest Theatres
- Finding and displaying Map locations and addresses
- Translating text
- Getting word meanings from Dictionary
- Reading the Holy Bible
- Playing On line Radio and TV Stations
- Free Chat with Denise
- Add new knowledge to Denise's Artificial Intelligence
- Build custom "PowerPoint like" presentations with Denise as the main actress
- And many more....

What is being improved for a soon release:

- Face Recognition
- Voice Recognition in Dictation Mode
- Home Automation
- GPS Tracking integration
- Word Studio (to convert large amount of text to .mp3 files)
- Better reading integration with e-mail, search results and web pages content
- Better web page navigation using Voice

Before Installing Denise

Running Minimum Software and Hardware Requirements

To make sure your system has everything you need to run Denise, please download and run this check up application: [CheckPC](http://guile3d.com/en/install/checkpc.exe) (<http://guile3d.com/en/install/checkpc.exe>)

This small application will check for free RAM Memory and hard disk space, sound card, Operational System and several others minimum Software and Hardware requirements.

Minimum Software and Hardware Requirements:

Hardware:

- * Celeron, Atom N280 or Pentium 4 processors
- * 1 Gig RAM Memory
- * Sound Board and Speakers
- * Headset Microphone (for better Speech Recognition)
- * 1.3 MP Web Cam (for Face Detection and Recognition. Not available yet.)
- * 3 Giga bytes free Hard Disk space available

Software:

- * Windows XP
- * Windows Vista and 7

Recommended Software and Hardware Requirements:

Hardware:

- * Intel Dual Core or AMD Turion x2 processors
- * 2 Gig RAM Memory
- * Sound Speakers
- * Noise Cancelling Headset Microphone
- * 2.0 MP Web Cam (for Face Detection and Recognition. Not available yet.)
- * 3 Giga bytes free Hard Disk space available
- * 256 MB dedicated Video Board
- * 1280 x 1024 Desktop Video Resolution

Software:

- * Windows 7 Home Premium

First Steps

Installing Virtual Assistant Denise

Before installing Denise, please disable any Anti-Virus and Firewall software, like Norton, AVG, McAfee or Kaspersky.

Guile 3D Studio assures you that no Virus, Spyware or any other intrusive files will be installed in your computer.

Just after you purchase a license for Virtual Assistant Denise, you will receive an e-mail with a link to download a small application called **Instal.exe**. Run this application to download all files necessary for her full installation.

Clicking on the file Install.exe will open a window asking for your e-mail address. Please use exactly the same e-mail address you have used at the moment of your purchase using PayPal.

This e-mail will also be used to check for your valid license. Denise licenses are valid for just one computer, so the same e-mail will not work for another computer. If you would like to transfer your license for another computer, please send a request for support@guile3d.com

If Windows shows you a Message Window to allow or block Denise, please click "Allow". Also, Windows Firewall can show you another Message Window, please always click on "Allow" or "Unblock" options.

The installation process can take from 50 minutes to 3 hours, depending of your Internet access connection speed. Please don't interrupt this download process even if the download window seems to be freezed or not responding. Also, avoid running any other application at the same time.

TIP: If you are under Windows Vista or Windows 7, there is a protection system called UAC (User Account Control) that can try to block the execution of Denise. If Windows shows you a message to Allow Denise's application, please do it so.

Configuring Denise after installation

After installing all files, Denise will show up in your desktop screen and she will ask you a few questions. Please answer these questions.

Guile 3D Studio assures you that no personal information (e-mail, name, address etc..) collected during installation will be used for any other purpose other than get to you right information related to Weather conditions, News, e-mails, Movie Times, Address Routing etc..

You can leave some answers for later on, and set them up with using Denise's setup module.

E-Mail Account Configuration during Initial Setup.

If during the initial setup, you don't know your e-mail account information, just use the back button and choose "No" when Denise asks you if you have an e-mail account. You can setup this later using Denise's setup module.

Some tips for setting up your e-mail:

Microsoft Outlook 2003 Users:

If you already use Microsoft Outlook 2003, you can get your e-mail account configuration by running Outlook. Go to "Tools" menu, "E-mail Accounts", "Show or Edit e-mail Accounts". Choose your e-mail account and click on the "Change" button. In this first window, you can get:

- E-mail account name
- Password (you will need to remember this info, since it doesn't show here)
- POP3 and SMTP servers information

Click on the "more settings" button. In these tabs, you can get the rest of the setup information.

Microsoft Outlook 2007 Users:

If you already use Microsoft Outlook 2007, you can get your e-mail account configuration by running Outlook. Go to "Tools" menu, "Account Settings", "E-Mail" tab. Click on your e-mail account, and choose "Change"

In this first window, you can get:

- E-mail account name
- Password (you will need to remember this info, since it doesn't show here)
- POP3 and SMTP servers information

Click on the "more settings" button. In these tabs, you can get the rest of the setup information.

G-Mail (Google) Users:

Denise will try to automatically get your G-Mail setting, but you can also do the follow:

Login to your g-mail account at <https://mail.google.com>

On the upper right corner, choose "Settings". Choose "Forwarding and POP/IMAP" tab. On the second option "POP Download", click on the link "Configuration instructions" (Item 3. Configure your email client e.g. Outlook, Eudora, Netscape Mail). See the examples to Outlook 2003 and use the same setting on Denise.

Voice Recognition Initial Checking

It is important that you check if your microphone and speakers are turned on and correctly configured. (Not too loud or not too quiet)

An easy way of doing that is from your Windows Start menu; choose "Control Panel" and "Sound" (or "Hardware and Sounds")

In the window that opens, you have a “Playback” and a “Recording” tab.

Check Sound Speakers

Click on the “Playback” tab to check your speakers. You have to have at least one speaker font enabled. Click on it and then on the “Properties” button, to set its “Levels” properties.

Checking Microphone

Click on the “Recording” tab to check your microphone. You have to have at least one speaker font enabled. If you say something now using your microphone, you should see its graphic equalizer changing its level while you talk.

Click on the microphone name and then on the “Properties” button, to set its “Levels” properties.

Ambient Noise

It is **very important** that you don’t have too much ambient or background noise while using Denise with Voice Recognition. This noise can come from background music, TV’s, radios, air conditioners and other people talking.

Operating Virtual Assistant Denise

Quick Start

Just for fun, and to get to know a little bit of Denise's features quickly, these are some commands you can type on her chat:

Typed Text	Action Performed
<i>Date</i>	Say actual date
<i>Time</i>	Say time
<i>Forecast</i>	Weather Forecast
<i>Temp</i>	Actual Temperature
<i>What are you?</i>	Denise Answers
<i>Get Big</i>	Denise gets big
<i>Get Small</i>	Denise gets small
<i>Go Away</i>	Denise go to tray icon
<i>Denise</i>	Denise shows up
<i>Agenda</i>	Open Agenda
<i>Cinema</i>	Shows movie times
<i>Get sad</i>	Denise gets sad face
<i>Normal Face</i>	Denise gets normal face
<i>Tell me a Joke</i>	Denise Answers
<i>I feel sad</i>	Denise Answers
<i>Play a song</i>	Play your songs
<i>Search images of Sunsets</i>	Denise Answers
<i>What is an Android?</i>	Denise Answers
<i>Open 4</i>	Open fourth image or video
<i>Close Menu</i>	Close lateral Chat Menu
<i>Open Menu</i>	Open lateral Chat Menu
<i>Dic Eclipse</i>	Get Dictionary word meaning
<i>Dic Robotics</i>	Get Dictionary word meaning
<i>Who was the first man on Moon?</i>	Denise Answers
<i>Page Down</i>	Web Browser Page Down
<i>Skip Lines</i>	Web Browser Lines Down
<i>Search Dogs</i>	Denise Answers
<i>Run Notepad</i>	Runs Notepad
<i>Run Calculator</i>	Runs Calculator
<i>Wiki Planet Earth</i>	Search Wikipedia
<i>(double click on Denise's Face)</i>	Makes Denise big or small o screen
<i>Exit</i>	Close Denise System

You have many ways to operate Denise:

Using your voice.

Denise's Overall Voice Recognition is normally turned on but in "Sleep" mode. To make her starts recognizing commands and phrases, speak one of her keywords:

- **Denise**
- **Wake Up**
- **Listen**
- **Computer**

After you speak one of the key words, she will change from "Sleep" mode to "Awake" mode, and will keep waiting for voice commands. If you don't speak any command during a period of 15 seconds, Denise will enter the "Sleep" mode, and you will have to say one of the key words again.

When Denise hears a key word and starts recognizing voice, the blue led at the top of the chat window will change to green.

Depending on what Denise is doing at any moment, several and different Voice Commands are available. To see what Voice Commands are available, say **"What Can I Say?"**, or click on the **"Help" -> "Voice Commands"** menu on Denise's lateral Chat Window.

New Feature: You can now add your own custom voice commands. Please read related topic.

Typing in the Chat Input Box.

If you don't want to use Voice Recognition, or would like to perform a web search or other action that is not available from the Voice Commands, just type what you want to do in Denise's Chat Input box. Also, almost every menu option in Denise's system, has its equivalent text that can be typed or speak it to perform the same action.

Clicking on the Chat lateral Menu.

Several actions and shortcuts are available from Denise's lateral Chat Window. Some of these options have sub-menus.

Remote controlling Denise using Skype

Using remote computers, Smartphones or Cell Phones with Skype installed and Internet access, you can remote control or just talk with your Denise installed in an on-line computer.

Remote controlling Denise using external (3rd Part) applications with Guile3D API

For users that have purchased the Business Version of Denise, there is an API to connect her to external and 3rd Part custom applications, so these applications can control and send external text and messages to Denise.

Getting Help

Asking Denise for Help

Denise can answer several questions related to her features, just by asking her. If she doesn't know any specific answer, choose other options below.

Using Keyboard:

Type:

- Help

Using Voice:

Say:

- Help

Help Menu

Click on the "Help" option from the Chat Lateral Menu.

Help using e-mail

Send help questions to support@guile3d.com

Help from Guile 3D web site

News Page: <http://guile3d.com/en/news/>

FAQ Page: <http://guile3d.com/en/faq-2/>

Support Page: <http://guile3d.com/en/support/>

Forum: <http://guile3d.com/en/forum/>

Contact Page: <http://guile3d.com/en/contact-us/>

Version Release Notes: <http://guile3d.com/en/release-notes/>

Other ways to ask for Help:

The main support system for registered customers, are our Ticket Support System at <http://guile3d.com/en/ticket/>

Use this Ticket Systems for reporting bugs, malfunctions, installation problems as well as any other problem you are having using Denise.

Denise's Main Interface



Denise's Graphical Facial Interface

Guile 3D Studio has built its own real time graphical engine from scratch. This interface is not based on any other available engine.

This engine has very powerful features:

- Avatars can use 16 million colours
- Avatars have a transparent background over windows desktop
- Real time lip syncing, using 24 mouth positions according text to speech phonemes.
- Avatars can have full body or just head
- Avatars can have animations "while" they are talking
- Avatars can be drag and drop to any desktop position
- Avatar can have different resolutions and quality according available RAM memory and CPU processor power
- Very low memory and CPU consumption
- Very realistic animations
- Double clicking on Avatar's face gets it big or small on screen
- Avatar's face follows users face if Face Recognition is on

Denise's Chat Window

The Chat Window is Denise's main interface.



You can communicate with Denise by:

Using the Keyboard

Type or paste your text in Denise's chat input box and press "ENTER"

Using Voice

Denise's Overall Voice Recognition is normally turned off, but she is always waiting for the key words to start listening. To turn voice recognition on, say one of these words:

- **Denise**
- **Wake Up**
- **Listen**
- **Start Listening**

You can also click on the Voice Icon on the top of the Chat Menu to turn Voice Recognition On and Off.

Depending upon what Denise is doing at any moment, several and different Voice Commands are available. To see what Voice Commands are available, say "**What Can I Say?**" or click on the "**Help**" -> "**Voice Commands**" menu on Denise's lateral Chat Window.

Opening and closing the Chat Lateral Menu

To close the Chat Lateral Menu, double click on any tab from the lateral window. Double click again to open it.

Using Keyboard:

Type:

- Close Menu
- Open Menu

Using Voice:

Say:

- Close Menu
- Open Menu

The Chat Lateral Menu Tab System

Denise shows results from your inquiries using the Chat Lateral menu. Several tabs can be opened at the same time depending on the type of the queries results. There are Tabs for:

- Showing the Help System
- Showing Images and Pictures
- Showing Videos
- Showing Web Search results
- Showing your Songs
- Showing file search results
- Download files from the Internet
- Upload images and videos to Picasa and YouTube
- Save files from a plug-and-play devices (Pen drives or Memory Cards)
- Showing your E-Mails
- Showing latest News
- Showing Wikipedia Search results

Click on any tab to show it. Click on the “x” to close it. Double click on any tab to close the Chat Lateral menu.

You can also type “Close Menu” and “Open Menu” to perform the same actions.

Increasing the Chat menu Font Size

To increase or decrease Denise’s chat and menu font size, click on the letters the bottom left corner of the Chat Window.

Setting up Denise’s Speech Volume

To turn down or up Denise’s speech volume, use the volume bar at the bottom of her Chat Window.

Denise's Chat Window Help Menu



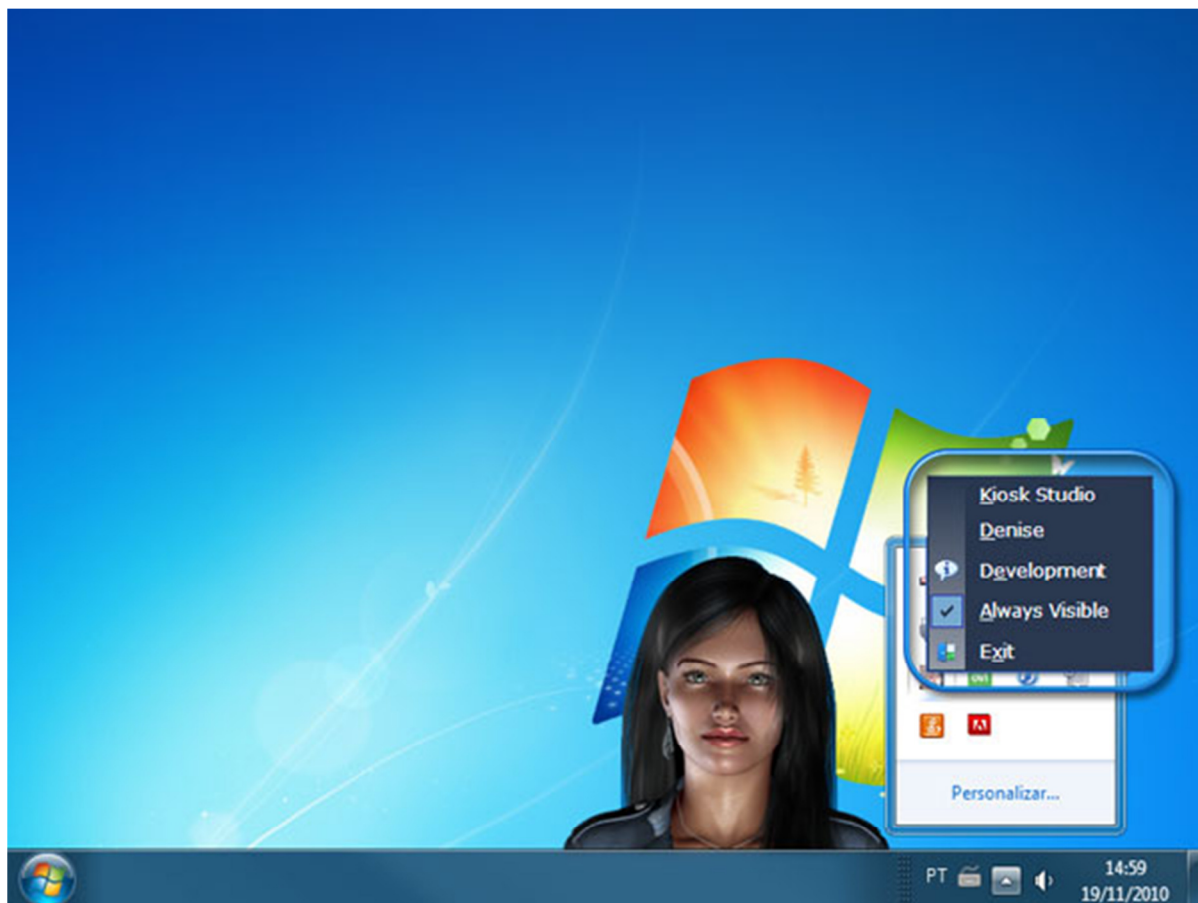
Clicking on the “Help” menu on the Lateral Chat Window, a sub menu with options shows up:

- Quick Help
- Tutorial
- Voice Commands
- Guile 3D Forum

Click on the desired option with the mouse, or type:

- “Help” to open Quick Help
- “Tutorial” to open the Tutorial Page
- “What Can I Say” to open available Voice Recognition Options
- “Forum” to go to Guile’s 3D web Forum

Denise Taskbar Menu



When Denise is running in your computer, there will be a small face icon in your windows notification area. Click on it with the right mouse button to open a context menu.

This context menu has the options below:

- Kiosk Studio
- Denise
- Development
- Always Visible
- Exit

Kiosk Studio

The Kiosk Studio is a full feature application to build user custom presentations using Denise as the main actress. Please read the Kiosk Studio Manual to learn how to work with it.

Using Keyboard:

Type:

- Kiosk
- Open Kiosk

Using Voice:

Say:

- Kiosk Studio

Denise

Opens a sub-menu with three options:

- Maximized -> Shows Denise in full size
- Normal -> Shows Denise in small size or Shows Denise face if she is Minimized to the task bar
- Minimized -> Hides Denise to the task bar.

Using Keyboard:

Type:

- Big
- Get Big
- Small
- Get Small
- Go Away
- Get Out

Using Voice:

Say:

- Get Big
- Get Small

Development

Opens a sub-menu with three options:

- System Logs -> Shows System Logs. Used for Customer Support only
- Script Studio -> User Development SDK Tool (Support for this tool not available Yet)
- Assistant Debug -> Tool for testing Guile 3D custom AIML tags. (Read Brain Editor Manual for help on this)
- AIML Brain Editor -> Opens Guile 3D Artificial Intelligence Brain Editor (Read Brain Editor Manual for help on this)
- Database Utilities -> Used for Customer Support only
- Compare Files -> Used for Customer Support only

- Localization Tool -> Tool for translating Denise's Interface to other languages (Read Translate Tool Manual for help on this)

Using Keyboard:

Type:

- AIML Editor
- Brain Editor
- AI Editor
- Brain
- Go Away
- Get Out

Using Voice:

Say:

- Brain Editor

Always Visible

Makes Denise always visible, and on top of other running applications.

You can also send Denise to the taskbar and get her back:

Using Keyboard:

Type:

- Go to Task Bar
- Hide
- Show
- Denise
- Show Up
- Get Out

Using Voice:

Say:

- Go to Task Bar
- Show Up

Exit

Close Denise System

Using Keyboard:

Type:

- Exit
- Exit System
- Close System
- Off

Using Voice:

Say:

- Close System
- Exit System

Voice Recognition

These are the available Voice Commands you can use with Denise. Remember to always say one of the Key words (Denise, Listen, WakeUp, Computer) to activate her Voice Recognition.

Some other voice commands may become available when you enter some specific module (Media Player, Web Browser, E-mail etc..) At any time, type "What Can I Say" to see the list of all available voice commands.

Chat Menu

- Close Menu
- Open Menu

Virtual Assistant

- Hello
- How are you
- Thank you
- Get Big
- Get Small
- Go to taskbar
- Show Up

System

- Help
- Help me
- User's Manual
- Settings
- Setup
- Open Setup
- System exit
- Close system
- Exit
- System shutdown

Agenda and Calendar

- Today's date
- What's today date
- What time is it
- Agenda

- Check my appointments
- My agenda
- My agenda for today
- My agenda for tomorrow
- My agenda for this week
- My agenda for next week
- Create new Appointment

E-Mails

- Show my e-mails
- New e-mail
- Create New e-mail

Latest News (Feeds)

- Latest news
- Show News
- Show latest news

Applications

- Brain Editor
- Open Brain Editor
- Open documents folder
- New Document
- New Spreadsheet
- New Presentation
- Open Calculator
- Open Excel
- Open Microsoft Word
- Open Notepad
- Open wordpad
- Open Winamp
- Open Outlook
- Open Powerpoint
- Open skype

Weather

- Temperature
- Weather forecast
- Weather for tomorrow

Web Browser

- Open Browser
- Close Browser
- Page down
- Page up
- Line down
- Line up
- Previous tab
- Next tab
- Previous Tab

Mediaplayer

- Music
- Play music
- Play my music
- Play my songs
- Skip song
- Skip music
- Stop playing
- Play
- Pause
- Resume
- Volume Up
- Volume Down
- Copy cd
- Play cd
- Play internet radio
- WebRadio
- Webtv
- Tv listing
- Open music folder
- Open videos folder

Web Sites

- Bing website
- Facebook website
- Google website
- Twitter Website
- Guile 3d studio website
- Guile 3d website
- Wikipedia website
- Yahoo website
- Youtube website
- AOL Website
- Altavista website
- Go to Bing
- Go to Facebook
- Go to Google
- Go to Twitter
- Go to Guile 3d
- Go to Guile 3d Studio
- Go to wikipedia
- Go to Yahoo
- Go to Youtube
- Go to AOL
- Go to Altavista

Adding Custom Voice Commands to Voice Recognition.

To add new voice commands for voice recognition, go to Setup->Ears Tab

- **Voice Command Text**

Type the text of your new Voice Command in the "Voice Command" tab. This can be just a single word, or a phrase with many words. This will be the word or phrase you will say when using Voice Recognition.

Important: Voice Recognition understands better if you create voice commands with two or more words. Also, if you create a command that is being recognized erroneously, try deleting the command and use a different syntax.

Example:

"Latest News" is recognized better than just "News"

"I have to go" may be better understood than "I need to go"

"Have a good evening" may be better understood than "Good Evening"

If you have voice command with similar syntax, like "I need to buy Bread" and other voice command "I need to go to Bed", try changing the syntax of one of the phrases.

Example:

"I need to buy Bread" may be better understood as "I have to buy some Bread"

"I need to go to Bed" may be better understood as "I am going to Bed"

Add your new voice command, test it using voice recognition, and fine tune them changing its syntax until they are correctly recognized.

Note: The more Voice Commands you add, more are the chances to a command be misunderstood by another similar one.

- **Description Box**

You can optionally type in "Description" box a short description for each command to explain its function. This is just to help you remember what is the command for.

- **Answer and Action Box**

If you leave the last box empty, your Voice Command text, when recognized, will be sent and processed by Guile3D Artificial Intelligence, returning to you the same answer you would get if you typed the voice command in the Assistant Chat Box.

If you type a custom message here, your Voice Command text will bypass the Assistant Artificial Intelligence, and this custom message is what the Assistant will answer. You can also add here custom commands to make the Assistant to open and run a program or execute any custom task.

These tags are explained in details in the [AIML Custom Tags Manual](#).

In initial release of this feature (as of December 15, 2010) some tags may not work. A new release this week will make all custom tags from the Manual to work.

Example 1:

Voice Command Text: Guile 3D Forum

Description: Go to Guile 3D Forum (this field can be left empty)

Answer and Action text:

(left blank) (The text "Guile 3D Forum" will be sent to Assistant Chat to get an answer from her Artificial Intelligence, as user had type it)

Example 2:

Voice Command Text: I have a party Friday

Description: Schedule an appointment (this field can be left empty)

Answer and Action text:

(left blank) (The text "I have a party Friday" will be sent to Assistant Chat to get an answer from her Artificial Intelligence, as user had type it)

Example 3:

Voice Command Text: How is the weather outside?

Description: Speaks weather (this field can be left empty)

Answer and Action text:

I will check the weather conditions for you. <Weather="San Francisco" State="CA" NextDays="4">

Example 4:

Voice Command Text: I am running late

Description: Speaks time (this field can be left empty)

Answer and Action text:

Please hurry up! <Time>

Example 5:

Voice Command Text: You are my best friend

Description: Speaks greeting with animation (this field can be left empty)

Answer and Action text:

Thank You. You are my best friend too! <Play="Kiss">

Example 6:

Voice Command Text: Open Autodesk 3D Max

Description: Open 3D Max (this field can be left empty)

Answer and Action text:

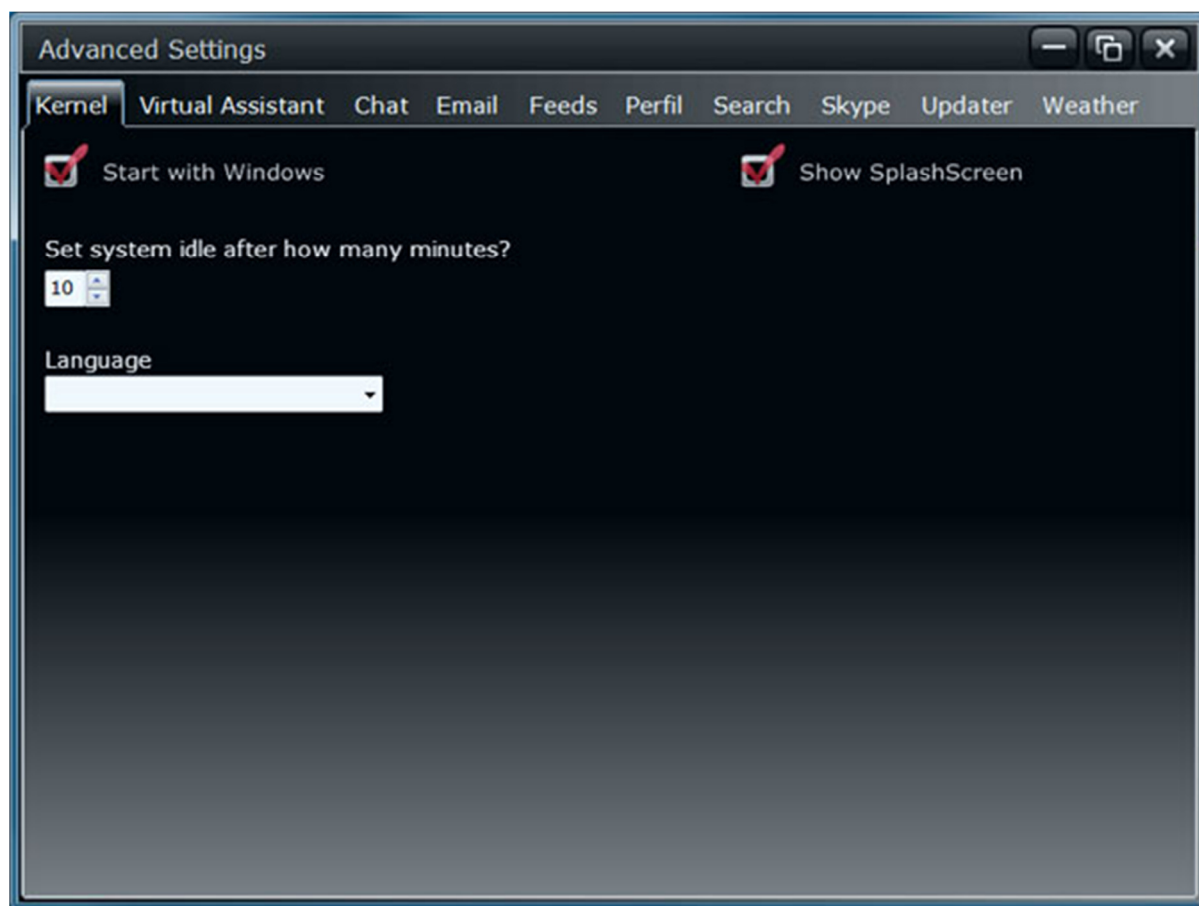
Opening 3D Max. <Run="C:\Program Files\Autodesk\3ds Max 2010\3dsmax.exe">

Denise's Features and Modules

Setup Module

The Setup Module is where you can configure Denise's parameters, like TTS Voice, Language, Avatar Resolution and quality, Address etc...

Type "Setup" or "Config" to open Denise's setup.



Kernel Tab

Start with Windows

Click here to make Denise starts every time with Windows

Show Splash Screen

Enable or disable the opening video Splash Screen

Set System idle after how many minutes?

The Idle time is the time when you are away or not working with your computer. Denise has several random activities when the idle time starts, like indexing files, self-learning mode from auto-searching the Internet, enable Face Recognition (not available yet), and several other self activities.

Language

Chose here Denise's Interface Language. Note that this changes **ONLY** the Interface language, and not the synthesized voice nor Denise's Artificial Intelligence language.

Virtual Assistant Tab

Assistant Resolution

Choose Denise's resolution (Denise's screen displayed size). You can also change this by typing in the chat:

- "Res 1" -> Sets Avatar Resolution for 800 X 600
- "Res 2" -> Sets Avatar Resolution for 1024 X 768
- "Res 3" -> Sets Avatar Resolution for 1280 X 1024

Quality

Choose Denise's graphic quality.

Low Quality

This is the ideal setting for Netbooks, Tablets and slower CPU's

High Quality

This is the ideal setting for Desktops and Notebooks

Super High Quality

Use this setting if you have a very powerful computer with an up to date Video graphic card. With this quality, you can easily change Denise's size using your mouse scroll button. Click on Denise's face and roll upwards to increase her size. Roll backwards to decrease her size.

You can also change this by:

Using Keyboard:

Type:

- Low Quality (or Quality 1)
- High Quality (or Quality 2)
- Super High Quality (or Quality 3)

Using Voice:

Say:

- Low Quality
- High Quality
- Super High Quality

Detect Best Configuration

Click this button to detect the recommended Graphic Quality according your computer. Even if the Low resolution was auto detected for your system, you can change it for High Quality.

TIP: The ideal Graphic Quality makes Denise's face movements, animations and lip syncing during talking run smoothly. Try changing from one quality to another until you find the best one for your computer.

Voices (Denise Platinum Version Only)

Choose what TTS (Text to Speech) voice Denise will use for speech. Denise comes with a high quality female English voice called Samantha, but you can choose any other TTS voice installed in your computer.

Important: Note that if you choose a TTS voice other than in English, Denise will still be using an Artificial Intelligence database in English. To make Denise speak in your desired language, you will have to create your own Artificial Intelligence database in the desired language. Use Guile 3D Studio Brain Editor (Denise Platinum Version Only) to create your custom knowledge base sets.

Volume

Controls de Volume of Denise's voice

Speed

Controls de Speed of Denise's voice

Animation Delay

Sets the delay in milliseconds for Denise's animation, like smiles, blinking, upset face etc... If you feel that Denise's animations are too slow or too fast, use this setting to adjust it.

When starting, show:

Choose Denise's display size for when she starts. Note that for every resolution (800 X 600, 1024 X 768 and 1280 X 1024) there are always two default display sizes, minimized and maximised.

TIP: To change between default display sizes, double click on Denise's face.

Chat Tab

Use Auto complete

This option shows you suggestions of words and phrases previous used, while you type in the chat box. When typing with this option activated, use the keyboard down and up arrows to choose an option.

Save suggestions phrases for how many days

Set the number of days to keep suggestions phrases available. Theses phrases are saved from previous talking with Denise.

Blink “Type here” Chat Message

Turns on a “Type Here” message inside the Chat box

Initial Message

Type here any default message you would like to hear from Denise when she starts. If you leave it blank, she will speak random messages.

Use PandoraBots

PandoraBots is an experimental software robot free hosting service based on the work of Dr. Richard Wallace and the A.L.I.C.E./AIML free software community.

With Denise you can:

- ✓ Use Denise's as the graphic interface connected to your PandoraBots ID account
- ✓ Chat with your web bot using Denise chat windows
- ✓ Receive your bots' answers using Denise text to speech capabilities

You can create your free account in PandoraBots [here](#)

Every account has a unique ID. This is the ID you need to type here to start using Denise as your PandoraBots interface.

When you enable PandoraBots in Denise's setup, the system will not use Denise's Artificial Intelligence, but it will rely only in your PandoraBots online AIML files.

E-Mail Tab

Here you can add, edit or delete an e-mail account. You can set many e-mail accounts for you.

Click the “New” button to setup a new account.

New E-mail Account Window

Color: Choose a different color for every e-mail account you add. This way, Denise will use this color when displaying your e-mails in her Chat Lateral Window.

Display Name: Type a name that will be displayed when someone receives an e-mail from you.

Account Name: Type a name for this account. This name is for Denise's system reference.

Email: Type the e-mail

Password: Type the e-mail account password (don't worry, your password is highly cryptographed, and not even Denise will know it!)

User: Type your user account name

The following information can be obtained with your e-mail server provider support service. For G-Mail, Hotmail, Yahoo Mail and several other popular e-mail providers, Denise will try to get this information for you.

SMTP:

SMTP Port:

Authorization:

Use SSL/TLS:

Pop3:

Pop3 Port:

Use SSL:

Leave a Copy on Server: Click this option to make Denise leave a copy of your new e-mails on the server. This is useful if you work both with Denise and with other e-mail client, like Microsoft Outlook, this way, both applications will get your new e-mails.

Note: When adding a G-Mail account, Denise will take some time to read all your e-mails from the Inbox folder, and she can tell you that you have hundred or thousand of new e-mails. This will happen just one time. After this initial process, Denise will get just new e-mails arrived.

Some tips for setting up your e-mail advance options

Microsoft Outlook 2003 Users:

If you already use Microsoft Outlook 2003, you can get your e-mail account configuration by running Outlook. Go to "Tools" menu, "E-mail Accounts", "Show or Edit e-mail Accounts". Choose your e-mail account and click on the "Change" button. In this first window, you can get:

- E-mail account name
- Password (you will need to remember this info, since it doesn't show here)
- POP3 and SMTP servers information

Click on the "more settings" button. In these tabs, you can get the rest of the setup information.

Microsoft Outlook 2007 Users:

If you already use Microsoft Outlook 2007, you can get your e-mail account configuration by running Outlook. Go to “Tools” menu, “Account Settings”, “E-Mail” tab. Click on your e-mail account, and choose “Change”

In this first window, you can get:

- E-mail account name
- Password (you will need to remember this info, since it doesn't show here)
- POP3 and SMTP servers information

Click on the “more settings” button. In these tabs, you can get the rest of the setup information.

Feeds Tab

RSS (most commonly expanded as **Really Simple Syndication**) is a family of web feed formats used to publish frequently updated works—such as blog entries, news headlines, audio, and video—in a standardized format

Denise uses RSS feeds to retrieve these information according your preferences.

Here you can add, edit and delete RSS Feed Channels. These are the RSS Feeds Denise will monitor and retrieve latest news according your preferences.

Denise's system comes with several pre configured RSS Channels, but you can add your own channels or delete existing one.

RSS Channels are classified by categories, like Sports, Technology, Latest News etc...

Adding a New RSS Feed Channel

Click on the list box “Select your channel here”, and choose a category for the new RRS Feed

Type a description for this new RSS Feed.

Type the URL Address for this Feed. This URL's commonly have an .xml or .rss extension, but it can be different according its provider.

Example of valid Feed URL:

CNN Top Stories <http://rss.cnn.com/rss/edition.rss>

You can get several other RSS Feeds addresses at:

CNN Feeds -> <http://edition.cnn.com/services/rss/index.html>

CNN Feeds 2 -> <http://edition.cnn.com/services/rss/>

Fox Feeds > <http://www.foxnews.com/rss/>

Displaying RSS Feeds

Click on the list box next to “Select Channel to display”

Click on “Activate this RSS Channel” to enable all RSS Feeds listed on this Channel.

Deleting RSS Feeds

To delete a RSS Feed URL, click on the “x” at the end of its line.

Profile Tab

Type your personal information here. This information will never be shared, and it will be used exclusively to assist you with Map directions, Weather Forecast and with your Personal Agenda.

Search Tab

When searching the web, Denise uses several different database and search engines.

You can set a higher priority search by choosing between Google and Microsoft Bing Search engines.

If the chosen engine couldn't find a result for your specific query, the other will be used to get results.

In this Tab, you can also tell Denise where to search for files in your computer.

Skype Tab (Remote Controlling Denise)

Denise can be remote controlled using Skype by any device connected to the internet. (Smartphones, Cell Phone, iPad, iPhone, other computers)

These devices or computers have to have Skype installed and be connected to the Internet.

This is a very nice feature, and allows user to talk to Denise from remote locations.

For this to work, Denise and Skype have to be running in a computer and connected to the Internet. With your portable device, or from another computer or notebook, you then send messages to Denise using Skype interface. You will get Denise's answers just like if you were in front of her.

First, create a free Skype account to use this feature. Type in the “Denise Skype Access Account” box the Skype name you have just created. This will be the only Skype Account that will be able to remote control Denise, so you can be secure that no one else will do the same with your Denise.

With your remote device or computer, log in to Skype using this new account and send messages to the Skype name that is running in the computer with Denise. (This can be your old personal Skype account name)

Silent Mode

Click in this check box to not display Skype initialization and system messages. This is not related to normal user messages.

Start Skype when Denise starts

Starts Skype (if not running already) when Denise starts, so she can use its features.

Updater Tab

Use this Tab to get updates for Denise. Denise will periodically check for new updates by herself. If she finds new files available from Guile 3D Studio servers, she will automatically download and install these newer files, and also tell you about what has been updated.

Weather Tab

Set up your Address information here, so Denise can get Temperature, Current Weather conditions and Weather Forecast for your region.

Choose your measurement unit between Degrees Celsius and Fahrenheit

Denise Modules

Denise's Web Browser

Guile 3D Studio has built its own Web Browser for web pages navigation. Our web browser has almost all important features of Internet Explorer, Firefox, Chrome and Opera, including support for the new HTML 5. Having our own Web Browser, gives us more control to better integrate web navigation with Speech Recognition.

Some of the advantages of our web browser:

- Speech Recognition Integration
- Improved Privacy
- SSL Certificate Identification
- Faster Website Access
- Greater Stability and Less Memory use



Web Browser Features

Searching

Type any text on the Web Browser address bar and press the Enter key to do a search

Tabs

You can have several web pages opened at the same time using Tabs. Click on the “Plus” image at the top left corner of the web browser to open a new tab. Click on the “x” image on each tab to close it.

Adding Favourites

Denise’s Web Browser will get all your Internet Explorer favourites addresses. Click on the “Star” image to open the Favourites Window. Use the Add button to add a new favourite address.

Navigation History

Denise’s Web Browser will get all your Internet Explorer history web navigation. Click on the “Star” image to open the History Window.

Printing

Click on the “Printer” image to print web page content.

Web Browser Navigation

Using Keyboard:

Type:

- Page Down
- Page Up
- Line Down
- Lines (several lines down)
- Line Up
- Lines Up
- Next tab
- Back tab
- Back Page
- Forward (next web page)
- Close (close Web Browser)

Using Voice:

Say:

- Page Down
- Page Up
- Line Down

- Lines
- Line Up
- Lines Up
- Next tab
- Back tab
- Back Page
- Forward
- Close

TIP: Select any text from the Web Browser and drag and drop it on Denise's face to make her read it aloud for you.

E-mail Module

Denise has a full featured e-mail client. You can add several e-mail accounts, and Denise will constantly check for new e-mails and alert you.

Features Available:

New account settings (read E-mail Setup topic)

Checking for new E-mails: Denise will check for new e-mails every 15 seconds.

Viewing E-mails: Type "E-mail" or click on the Chat Lateral Menu option

Writing and Sending E-mail: Read description below

New Contact: Read description below

Type in Chat: E-mail, Email, Mail, Check email, New Email, New email to (name)

Using Voice: New E-mail, Show e-mail, Open number (e-mail number)

Using Chat to create a new E-mail

To create a new e-mail, you can:

Click on the Chat lateral Menu (E-mail -> Send E-mail)

Type on Chat: New Email

Using Voice: New E-mail

To create a new e-mail with content:

Type in Chat:

New email to (contact or e-mail address)

New email to (contact or e-mail address) subject (subject)

New email to (contact or e-mail address) subject (subject) body (body text)

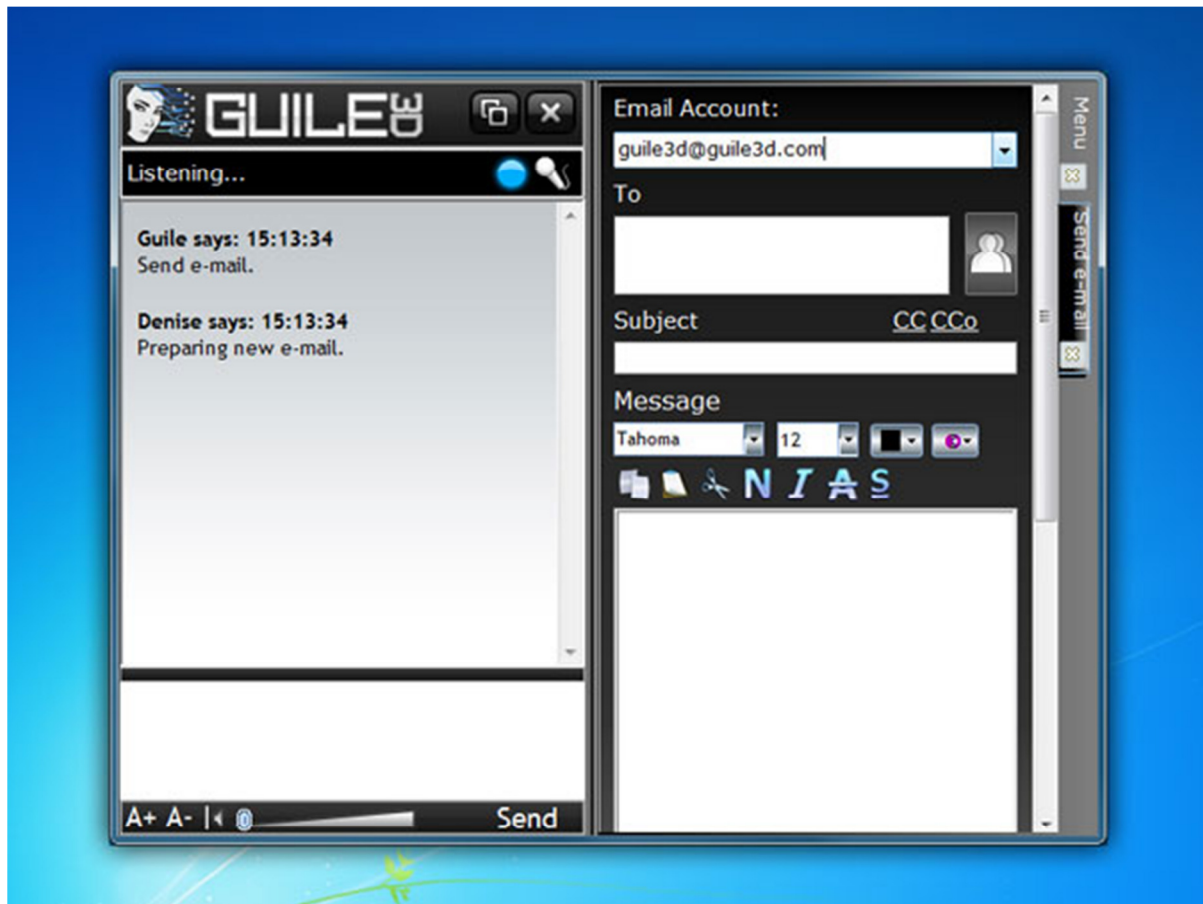
All options above work.

Examples:

New email to Guile

New email to Guile subject Meeting Tomorrow

New email to Guile subject Meeting Tomorrow body We need to talk about the new marketing strategy Regards, Denise



Adding New Contacts

Type the name of the contact in the “Contact” box. If this is the first time you are sending an e-mail to this contact, click on the Add New Contact image next to the contact box to add this contact to your list.

Next time you send an e-mail to this contact, you just have to type its name on the contact box.

If necessary, use the edit controls to change your text font, color, turn your text bold etc...

You can attach any file (images, text etc...) to your e-mail using the “Add” button next to the “Attachments” box.

Click on the “Send” button to send your e-mail. Denise will let you know when she successfully sends your e-mail.

E-mail Operations using Voice

Say:

- “**New E-mail**” for creating a new E-mail
- “**Show Email**” for listing your e-mails
- “**Open (number)**” to show specific e-mail from the e-mails list

News Module (RSS Feeds)

There are several ways to get latest news with Denise. You can get news from RSS Channels and News from Internet Sources.

News from RSS Channels

Denise comes with several RSS Channels (Feeds), and you can also add other Feeds using the “Setup” module.

Click on the news title in the lateral menu window to open full content in the Web Browser.

Using Keyboard:

Type:

- News
- Latest News
- Headlines
- Feeds
- Sport News
- CNN News
- (Lateral Menu RSS Title) news

Using Voice:

Say:

- Latest News
- Open number (Feed number)

News from Internet Sources

To open latest news from Internet sources or major newspapers headlines, type:

Using Keyboard:

Type:

- "Search News (subject)"
- “Search News about (subject)”
- "Headlines”

RSS Feeds Operations using Voice

Say:

- Latest News
- Feeds
- Headlines
- Open (feed number from the list)

Weather Forecast and Current Weather Conditions

Denise can check current weather and temperature, as well as the Weather forecast up to four days for any region.

Using Keyboard:

Type:

- Weather for current weather conditions.
- Weather Forecast, or just "Forecast" for a four day weather forecast.
- Forecast for New York
- Weather in Los Angeles

You can also use phrases like "Will it rain?"

Weather Operations using Voice

Say:

- Weather
- Temperature
- Forecast

Movies / Theatres Module

Denise can get movies that are playing on nearest Theatres.

Using Keyboard:

Type:

- "Movies"
- "Theatres"
- "Cinema"
- "Movies in Los Angeles"

Using Voice

Say:

- "Cinema"
- "Theatres"

Media Player Module

With Denise, you can:

- Play songs from your computer
- Play songs from Music CD
- Play songs by name, artist, band or genre
- Play random songs
- Convert songs from a Music CD to .mp3 files
- Build Play lists with your favourite songs
- Listen to On line Radio Stations
- Watch On line TV
- Make Denise speak songs name



Using Keyboard:

Type:

- "Songs"
- "Music"
- "Play my Songs"
- "Play (song name or just part of its name)"
- "Play (song number) " (when listing songs in the Chat Lateral Window)

Other Available Text Commands for Media Player

Type:

- "Play"
- "Pause"
- "Stop"
- "Skip"
- "Skip 5"
- "Song back"
- "Skip back"
- "Copy CD"
- "Play only Frank Sinatra"
- "Play only rock songs"
- "Play only classical music"
- "Play a soft song"
- "Who sings?"
- "Song name"
- "Eject" (Ejects CD)
- "Volume Up"
- "Volume Down"
- "Random Mode"
- "Random Off"

Media Player Operations using Voice

Say:

- "Play Music"
- "Play a song"
- "Stop"
- "Play"
- "Skip"
- "Pause"

Creating a Playlist

Create playlist to associate specific songs to it, so when you play a Playlist, you play just the songs you have associated with it. This way you can have Rock Playlists, Easy Listening Playlists, Favourite Songs Playlist etc...

To create a new play list:

- Type "Songs" to list all your songs on the Chat Lateral Windows
- Click in the "Playlist" image button on the top
- Type a name for the Playlist

- Click on the “Songs” image button on the top. All your songs will be listed
- Click on the “plus” image next to each song to add it to the play list.

Playing a Playlist

To play an existing playlist:

- Type “Songs” to list all your songs on the Chat Lateral Windows
- Click in the “Playlist” image button on the top to list all available Playlist
- Click on the Playlist you want to play

Deleting Playlists

To delete an existing playlist:

- Type “Songs” to list all your songs on the Chat Lateral Windows
- Click in the “Playlist” image button on the top to list all available Playlist
- Click on the “minus” image next to the Playlist you want to delete

Web Radio Module

Denise can play Web radio Stations. She comes with several Radio Stations as examples.

To play Radio Stations:

Using Keyboard:

Type:

- “Radio”
- "Play Radio"
- "Web Radio"
- “BBC 1”
- “BBC 2”
- “BBC 3”
- “BBC 4”
- “Chicago Fusion”

Using Voice:

Say:

- “Radio”

Adding New Web Radio Stations

In this first version, is not possible to include other Radio Stations using Denise's Interface. If you'd like to do so, you can build new AIML categories using Guile 3D Brain Editor and our customs tags.

Example of a AIML category to play a specific Web Radio Station:

```
<category>

<pattern>PLAY CHICAGO FUSION</pattern>

<template>Now playing Chicago Fusion. <MediaPlayer="Play"
FileName="http://www.fusionchicago.com/streams/128.asx"></template>

</category>
```

Web TV Module

Denise can play Web TV Stations. She comes with several TV Stations as examples.

To play TV Stations:

Using Keyboard:

Type:

- "Web TV"
- "Fox"
- "Bloomberg"

Using Voice:

Say:

- "Web TV"
- "Fox News"
- "Bloomberg TV"

Adding New Web TV Stations

In this first version, is not possible to include other web TV Stations using Denise's Interface. If you'd like to do so, you can build new AIML categories using Guile 3D Brain Editor and our customs tags.

Example of a AIML category to play a specific Web TV Station:

```
<category>
```

<pattern>FOX NEWS</pattern>

<template>Fox News. <MediaPlayer="Play"

FileName="http://mfile.akamai.com/23073/live/reflector:34194.asx?prop=n"></template>

</category>

Skype Integration Module

Denise uses Skype integration for both speaking aloud incoming Skype chatting messages and for Remote Controlling Denise from remote devices, like Smartphones.

You can also send Skype messages and make Skype Phone calls using Denise.

To use this feature, you have to have Skype running in your computer. To download and install a free Skype copy, go to [Skype WebSite](#).

Open Denise after installing and running Skype.

When starting Denise, Skype will show you a message to allow third part application to access Skype. Please click "Allow"

To configure how Denise will use the Skype integration, open Denise's Setup. (Type "Setup" in her Chat)

Speaking aloud incoming chatting messages

After configuring Skype and Denise in your computer, all incoming Skype messages will be displayed in Denise's Chat Window. To make Denise speak aloud all messages, click on the small speaker icon below every message.

Sending Skype Messages using Denise

To send Skype messages with Denise, type in her Chat Window:

- Skype (buddy Skype name) (message)

Example:

- Skype Guile This is my Skype Message

If you have more than one Skype contact with similar names, Denise will show you a list with all similar names with a number. To send a message to this contact, type:

- Skype 4 This is my Skype Message (where 4 is the Skype contact number from the list)

Making Skype Phone Calls using Denise

To make Skype phone calls with Denise, type in her Chat Window:

- Call (Skype user name)
- Skype call (Skype user name)
- Stop call (to finish a Skype call)

Examples:

- Call Guile
- Skype call Guile
- Stop call

PandoraBot Integration Module

You can use Denise as the Graphical Interface to your web PandoraBots chat bot.

PandoraBots is an experimental software robot free hosting service based on the work of Dr. Richard Wallace and the A.L.I.C.E./AIML free software community.

With Denise you can:

- ✓ Use Denise's as the graphic interface connected to your PandoraBots ID account
- ✓ Chat with your web bot using Denise chat windows
- ✓ Receive your bots' answers using Denise text to speech capabilities

You can create your free account in PandoraBots [here](#)

After creating your PandoraBots account, you will receive a unique ID. Use Denise's Setup Module to input this ID and enable PandoraBots interface. Now, everything you type in Denise's chat will go to your bot, process, and return with an answer (according your bot online AIML files) to Denise speak aloud.

When you enable PandoraBots in Denise's setup, the system will not use Denise's Artificial Intelligence, but it will rely only in your PandoraBots online AIML files.

To come back to Denise's Artificial Intelligence, uncheck the option "Use PandoraBots" in Denise's Setup Module.

Plug and Play Module

Plugging your pen drive or memory card with songs, photos, videos or documents to your computer while Denise is running, will open a lateral chat window asking you to perform some actions:

- Copy files to your computer
- View Files
- Send Images, Pictures or Videos to your Google Picasa or YouTube accounts.

Note: Create a free Picasa account [here](#), and a free YouTube account [here](#)

Uploading your photos, images and videos to Picasa or YouTube

- Plug your USB Pen drive or insert your Memory card to your computer
- Denise will detect your device and ask if you want to copy your media to your computer. Select the type of media, and choose option "Copy". Give a name to the new folder to save media
- Denise will copy selected media to your new computer folder
- Denise now asks you if you want to upload your photos and videos to Picasa or your videos to YouTube
- Type your Picasa and YouTube account and password
- Click on the button "I have a Picasa (or YouTube) account"

Your media will be copied to your computer and uploaded to your Picasa or YouTube account.

After all media has been uploaded, Denise will show you the Picasa web link for you to access your media. This is the link you can send to your friends so they can enjoy your pictures or videos online.

Keyboard Simulation Module

Using Denise's Chat, you can simulate any keyboard key typing or mouse button pressing.

This can be used to remote control 3rd party applications that are running in your computer, or to send text to other Windows running applications.

Please read Guile 3D Studio AIML Custom Tags Manual for more details.

Music Copying and Ripping Module (converting to MP3 format)

Denise can copy songs from a Music CD and convert them to .mp3 files saved in your computer.

This will copy your CD's songs from the Music CD in your CD/DVD Reader to your Computer /Users/My Music/ folder.

This new songs will be added to Denise's music library.

Using Keyboard:

Type:

- Copy CD
- CD copy

Using Voice:

Say:

- Copy CD

Open Computer Programs, Folders, Applications and Web Pages Module

Denise can open and run any Windows applications installed in your computer as well as open web site pages.

Type "Open" or "Run" followed by the name of the application, and "Go to" and the name of any web site

Examples:

- Open Excel
- Run Calc
- Run Notepad
- Run Word
- Open Skype
- Open My Documents (or "Open My Docs" or just "Docs")
- Open new Spreadsheet
- Open My Videos (or just "Videos")
- Open www.wikipedia.com or Open Wikipedia
- Go to CNN

Tip: Try different ways to ask for actions with Denise. She can understand natural language, which means speaking the same thing in different manners.

Note: Sometimes may not find some specific software even if you have this software installed in your computer. In these cases, you can create new custom AIML categories to run any application:

Example of an AIML category that runs an application:

```
<category>
```

```
<pattern>RUN PHOTOSHOP</pattern>
```

```
<template>Opening Photoshop. <Run="C:\ADOBE\Photoshop.exe"></template>
```

```
</category>
```

Please read Guile 3D Studio **AIML Tags Manual** and Guile 3D Studio **Brain Editor Manual** to understand the creation of custom AIML categories.

Using Voice:

Say:

- Open Excel
- Open Word
- Run Calculator
- Run Notepad
- Open Skype
- Open My Documents
- Open new Spreadsheet

- Open My Videos
- Open Wikipedia
- Go to CNN

We are working on a new feature to enable users to add custom Voice Commands. This will be available soon as a free update for Denise Platinum Version customers.

Web Searching Module

Denise can search for web information for you. She will try to filter not relevant information to give you just what really matters.

She can search for information, images, videos, recipes etc...

Type in Chat:

- Search for (search query)
- Search images of (something)
- Search videos of (something)
- Search Books from (author)
- Search Who is (somebody)
- Search What is (something)
- Search recipes of (something)

Denise will search for data on several online databases. You can force Denise to search using only a specific search engine:

Type in Chat:

- Search Google for (search query)
- Search Bing images of (something)
- Search Wiki for (something)
- Search Start (something)
- Recipe for (something)

Since Denise understands Natural Language, you can ask her for searching (and anything else) using different and shorter natural ways:

- Google Images of Earth
- Bing U2 videos
- Wiki New York city
- Who is the US President
- Recipe for Apple Pie
- What can I cook with Potatoes and Fish

Extended Features

You can ask Denise to perform a web search on several locations at once or to retrieve search results and images related to it.

Type in Chat:

- Search all (search query) -> Returns search results and images related
- Search more (something) -> Searches Google, Wikipedia, Images and Local Images

Opening Search Results with Voice

When you perform a web search, Denise will show you results with a number on the Chat Lateral Window. You can use voice commands to open any result by its number.

Example:

Say:

- Show number four
- Show number two

File Searching Module

As soon as Denise is installed in your computer, she will search and index all your computer files. She will keep this index updated with newer files when you copy them to your hard disk.

Type:

- Search PC for (file name)
- Search file (image name)
- Find file (file name)
- Find doc (doc name)

Examples:

- Search file Finance.xml
- Search image Denise
- Find doc Expenses

Maps, Points of Interest, Addresses and Directions Module

Denise can help you finding addresses, points of interest, routes and directions. If you don't specify a city, Denise will use your home city as reference.

Type:

- Where is (some address, street, avenue etc...)
- How do I get from (origin) to (destiny)
- How do I get to (destiny)
- Find an Japanese restaurant in (city)

Examples:

- Where is Paradise St?
- How do I get to LA airport?
- Find a good Japanese restaurant in Miami
- Find nearest Gas Station
- Search closest Pharmacy
- How do I get from 36 St to 11 Madison Ave?

Wikipedia Search Module

Wikipedia is the largest on line encyclopaedia. She is available in almost any language. The English version has today almost 4 million articles.

Denise can search the whole Wikipedia and get formatted results that can be read aloud by her, converted to a word document or printed.

Type:

- Wiki (subject)
- Search Wiki (something)

Note:

Just "Wiki", brings Wikipedia results and images

"Search Wiki" returns only Wikipedia results

M.I.T S.T.A.R.T Search Module

START (SynTactic Analysis using Reversible Transformations) has been developed by Boris Katz and his associates of the InfoLab Group at the MIT Computer Science and Artificial Intelligence Laboratory. Unlike information retrieval systems (e.g., search engines), START aims to supply users with "just the right information," instead of merely providing a list of hits. Currently, the system can answer millions of English questions about places (e.g., cities, countries, lakes, coordinates, weather, maps, demographics, political and economic systems), movies (e.g., titles, actors, and directors), people (e.g., birth dates, biographies), dictionary definitions, and much more.

Tip: You can make questions related to almost anything using Denise and START.

To get answers from *START* on-line database with Denise:

Type:

- Start (subject)
- Search Start (subject)

Examples:

- Start what's the largest city in Florida?
- Start why is the sky blue

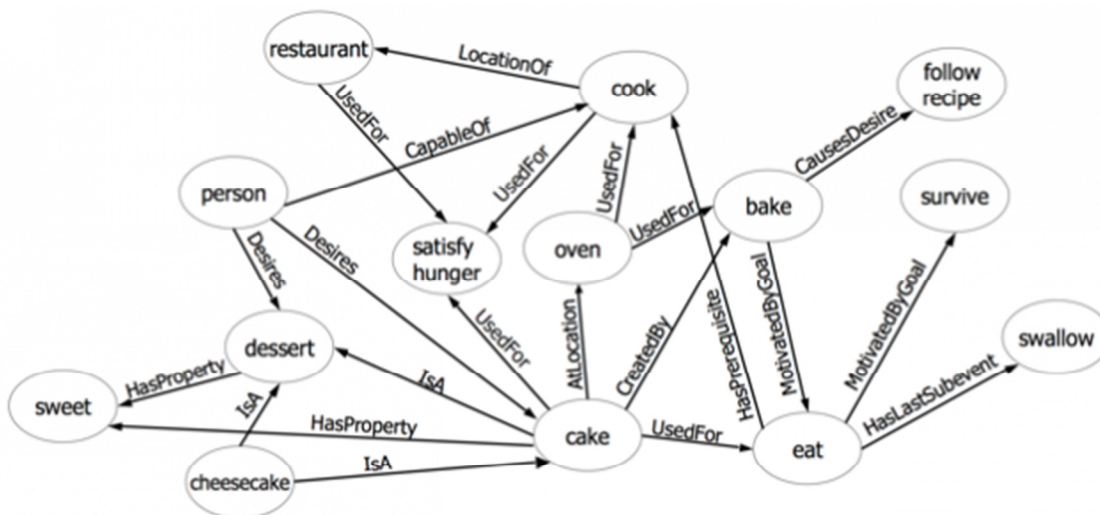
Other examples from START web site:

- Start what is Jupiter's atmosphere made of?
- Start who first discovered radiocarbon dating?
- Start How far is Neptune from the sun?
- Start why is the sky blue?
- Start what planet has the smallest surface area?
- Start how many feet are there in a kilometer?
- Start convert 100 dollars into Euros.
- Start how many languages are spoken in Afghanistan?
- Start give me the GDP of Taiwan.
- Start how is the weather in Boston today?
- Start what countries speak Spanish?
- Start who was president in 1881?
- Start show me some poems by Robert Frost
- Start who was the fifth president of the United States?
- Start what South-American country has the largest population?
- Start what's the largest city in Florida?
- Start give me the states that border Colorado.
- Start what cities are within 250 miles of the capital of Italy?
- Start how many people live in Israel?
- Start which is deeper, the Baltic Sea or the North Sea?
- Start how far is Mount Kilimanjaro from Mount Everest?
- Start list some large cities in Argentina.

M.I.T ConceptNet (Open Mind Common Sense) Search Module (Not Available Yet)

ConceptNet (or OpenMind) is a freely available commonsense knowledgebase and natural-language-processing network. It captures a wide range of commonsense concepts and relations, and aims to give computers access to **common-sense knowledge**, the kind of information that ordinary people know but usually leave unstated.

Note that this database is build upon users opinions, that not necessary can meet yours.



To get answers from **ConceptNet** on-line database with Denise:

Type:

- Concept (subject)
- Search Concept (subject)
- Openmind (subject)
- Open mind (subject)
- Search Openmind (subject)

Examples:

- Open mind romantic dinner
- Concept flowers

Text Translation Module

Denise can translate text to and from 136 languages (including Star Trek Klingon!)

To translate a text from English to French type:

- Translate (word or phrase) (desired language)

Examples:

- Translate I Love You French
- Translate Sie sind sehr intelligent Italian

You don't need to type destiny language if the translation is to English. Denise will auto detect the original text language to be translated

Examples:

- Translate Sie sind sehr intelligent (will translate from German to English)

You can also translate from and to other languages. Type:

- Translate (word or phrase) from (origin language) to (desired language)

Example:

- Translate Sie sind sehr intelligent from German to Italian.

Dictionary Module

Get the meaning of words and expressions with Denise.

Type:

- Dic (word or expression)
- What does (word) mean?
- What does (word) stand for?

Holy Bible Module

Denise knows the whole Holy Bible.

Type:

- Bible Psalms 13
- Search Bible

Internet Shopping Module

Denise can help you shopping for Books, CD and DVDs, computers, appliances etc...

Type:

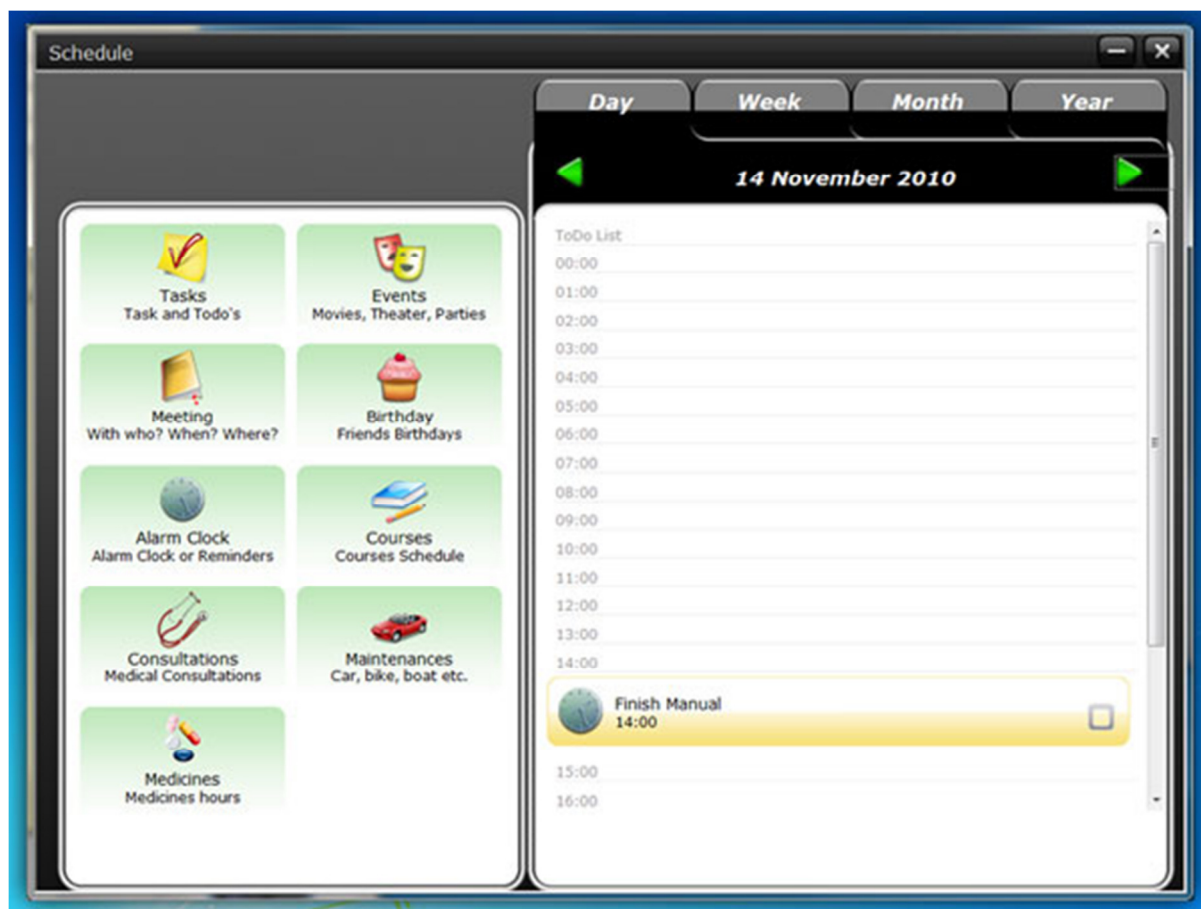
- I want to buy (something)

Example:

- I want to buy a new i7 computer

Agenda and Scheduler Module

Denise can set appointments, meetings, personal tasks, alarms, medicines hours, maintenances, course dates, events and birthdays.



You can set new Schedule items from its graphical interface or direct from Denise's Chat.

Opening your Agenda

Using Keyboard:

Type:

- Agenda
- My Agenda
- Open Agenda
- Scheduler

Using Voice:

Say:

- Agenda
- Open Agenda

Consulting your Overall Agenda

Using Keyboard:Type: (all option returns same result, for different days)

- Agenda for Today (brings all appointments, tasks, meetings etc...)
- Whats for today?
- What do I have today?
- Todays
- Tomorrows (brings all appointments, tasks, meetings etc... for tomorrow)
- Mondays (brings all appointments, tasks, meetings etc... for Monday)
- Whats for Tuesday? (brings all appointments, tasks, meetings etc... for Tuesday)

Using Voice:

Say:

- Agenda for Today
- Agenda for Tomorrow
- Agenda for this week
- Agenda for next week

Consulting your Agenda for specific type of appointments

Using Keyboard:

Type:

- My tasks
- Tasks for Tomorrow
- Tasks this Week
- Tasks for next Week
- Tasks for Tomorrow
- Appointments
- Medicines
- Medicines for Tuesday
- Meetings
- Meetings for Friday
- Alarms
- Birthdays

- Birthdays today
- Birthdays this week
- Events

Using Voice:

Say:

- My tasks
- Tasks for Tomorrow
- Tasks this Week
- Tasks for next Week
- Tasks for Tomorrow
- Appointments
- Medicines
- Medicines for today
- Meetings
- Meetings this week
- Alarms
- Birthdays this week
- Events

We are working on a new feature to enable users to add custom Voice Commands. This will be available soon as a free update for Denise Platinum Version customers.

Adding new Appointments and Tasks

You can add new appointments, tasks, alarms, events etc... using the Agenda Visual Interface, or just typing in Denise's chat.

Adding new Appointments and Tasks using the Agenda Interface

Type in Chat:

- Agenda
- My Agenda
- Open Agenda
- Scheduler

Click on the category you want to add the new Agenda item. Type the description, start and end dates, chose a color for its reminder and fill in other fields if necessary. Always click the button "Save" when done.

Adding new Appointments and Tasks using Denise's chat

Alarms

Type in chat:

- Alarm Buy milk and Sugar at 18:00
- New alarm Take a break at 15:30
- Alarm Buy Xbox Kinetic Tuesday at 19:00
- Alarm Tell me I am your Master tomorrow (if you don't specify a time, it is set to 14:00)
- Alarm at 16:25 (sets an alarm for today at 16:25 with default message "You have something to do now!")

Wake UP Alarms

Type in chat:

- Wake me up tomorrow at 07:30 (sets an alarm for tomorrow at 7:30 with default message "Time to Wake Up (your name)!")
- Wake me up Friday at 08:15
- Wake me up at 23:15 today

Appointments

Type in chat:

- I have an appointment with Dr. Denise at 14:30
- I have an appointment next Monday at 14:30 with Dr. Natasha
- New appointment on 11/24/2010 at 19:35 with Dr. Angel (for date, use format MM/DD/YYYY)

Birthdays

Type in chat:

- Guile birthday is on 08/14 (August 14th)
- Angel birthday is Friday
- Natasha birthday is next Tuesday

Courses

Type in chat:

- I have a French course on 12/29/2010 at 18:00
- I have a Piano class on 03/20/2011 at 14:00
- I have a Driving course from 12/02/2010 to 12/20/2010
- I have a Candle Making course from 11/02/2010 to 11/05/2010 at 17:15

Events

Type in chat:

- I have a Party Friday at 21:00
- I have a My Parents Anniversary party on 12/18/2010 at 21:00

Meetings

Type in chat:

- I have a meeting with Marketing Tuesday at 16:00
- New meeting on 11/18/2010 at 14:20 to choose new web provider
- New meeting on 11/18/2010 at 14:20 with Guile 3D to choose new web provider

Tasks

Type in chat:

- New task Finish Year Report
- New task Start Swimming
- New task Build new Object Recognition Algorithm

Note: Agenda items added using chat, automatically sets a 24 hour reminder. If you'd like to change reminder time, or any other item information, use the Agenda Visual Interface (type "Agenda")

File Downloads Module

Denise can download any kind of files from an Internet location. You just need to know the file URL (Internet Address).

She can download several files at once, and you can stop and resume each download.

Using Keyboard:

Type:

- Download
- Download File

Using Voice:

Say:

- Download File

Denise's Learning Features

Denise is a dynamic learning entity, almost like any organic type of life. Her artificial intelligence and knowledge will grow on a very fast pace.

Denise can learn:

- 1- When you talk to her
- 2- When you implicitly teach her
- 3- Typing the sentence "Question (something) Answer (something)" or "When I say (something) Answer (something)"
- 4- By editing her sample AIML files
- 5- By using your custom AIML files
- 6- By herself from randomly searching and getting relevant data from the Internet based on your historic of conversations and personal preferences and likes.

1- When you talk to her

Every time you chat with Denise, she will try to get something new from your conversation. Not everything will be remembered. She will try to get just what she thinks is relevant about you and your life, so sentences that contains:

.... I am
 I have
 are
 is
 have
 will go
 is from
 means
 was

And many other key words will try to get and memorize important information about the conversation.

2- When you implicitly teach her

You can implicitly tell Denise to learn something new, typing the word "Learn" or "Learn that" before a sentence.

In this first version, Learn will work if your type sentences containing the following words:

- Learn ... are
- Learn ... has
- Learn ... have
- Learn ... is
- Learn ... is a

- Learn ... is an
- Learn ... is from
- Learn ... is going
- Learn ... lives in
- Learn ... means
- Learn ... was
- Learn ... will be
- Learn I am
- Learn I have
- Learn I will

Note Denise Platinum Version Only: This learning method works from AIML categories found in file "Guile3D_Avatar_Learning_Editable_EN.aiml". For improving or translating purposes, you can open and edit a copy of this file found in your folder \Guile3D\bin\SDK\AIML Source\EN

This learning method automatically creates several AIML new categories in a file named "User.aiml", located in the folder "\Guile3D\bin\Database\AIML\Users\{user name}"

As an example, typing "Learn The Sun is hot" in Denise's chat window, all below AIML categories are created inside "User.aiml" AIML file:

- What is The Sun?
- What is hot?
- Who is The Sun?
- Where is The Sun?
- When is The Sun?
- The Sun is hot.
- Is The Sun hot?

So, next time you ask Denise "What is hot?" she will answer "The Sun is hot"

Important: All new knowledge learned by Denise will just be available after you re-start Denise's system by closing and reopening her.

Note: If you create a new AIML category that already exists in Denise's core AI Brain, your new category can be "Shadowed" by Denise's own category. This means that your new category can never be triggered.

3- Typing the sentence "Question (something) Answer (something)"

You can add new Question / Answer type of knowledge to Denise by typing in her chat window a sentence with the following structure:

- Question (something) Answer (something)
- When I say (something) Answer (something)

Examples:

- Question What is the temperature on Mars? Answer The temperature is typically about -63 C or -81 F.
- Question What does UNESCO stand for? Answer UNESCO is the acronym for United Nations Educational, Scientific, and Cultural Organization.

This learning method automatically creates several AIML new categories in a file named "User.aiml", located in the folder "\\Guile3D\\bin\\Database\\AIML\\Users\\(user name)"

Example of the created AIML category in file "User.aiml":

```
<category>
```

```
<pattern>What is the temperature on Mars?</pattern>
```

```
<template>The temperature on Mars is typically about -63 C or -81 F.</template>
```

```
</category>
```

Important: All new knowledge learned by Denise will just be available after you re-start Denise's system by closing and reopening her.

Note: If you create a new AIML category that already exists in Denise's core AI Brain, your new category can be "Shadowed" by Denise's own category. This means that your new category can never be triggered.

4- By editing her sample AIML files (Denise Platinum Only)

Denise Platinum Version comes with several editable AIML files that you can use as reference for building your own files or translating to other languages.

You can find these AIML files in your folder \\Guile3D\\bin\\SDK\\AIML Source\\EN

Please **read carefully** the text below to understand how to use AIML files with Denise.

- At startup, Denise loads all AIML files located in \\Guile3D\\bin\\Database\\AIML\\(your language chose from Denise's Setup. Default is EN for English)
- These AIML files are encrypted, so you cannot work directly on them.
- Before using any sample AIML file found in \\Guile3D\\bin\\SDK\\AIML Source\\EN, make a copy of those in other folder. **Work with these copies if you'd like to make changes, because the original files can be overwritten in future system upgrades.**
- Use Guile 3D AIML Brain Editor to open, edit, save and cryptograph your modify AIML files.
- Make a backup of your AIML files.
- Finally, copy your modify AIML files in Denise's \\Guile3D\\bin\\Database\\AIML\\(your language chose from Denise's Setup. Default is EN for English). This will overwrite Denise's original English files.

Important: Since Denise's original AIML files can be updated frequently by Guile 3D Studio, you will have to overwrite these files with yours every time there is a system update. If you are working with custom AIML files not based in the ones that come with Denise, this will not be necessary. (Read next item below 5- By using your custom AIML files)

Note: All new AIML files will be available after you re-start Denise's system by closing and reopening her.

5- By using your custom AIML files

If you already have a set of AIML files (in any language), you will need to:

- Open them with Guile 3D AIML Brain Editor
- Add or modify any category if wanted
- Save and criptograph them inin \Guile3D\bin\Database\AIML\Users\{(user name)}

These AIML files will be loaded next time you run Denise, in conjunction with Denise's own AIML files.

Note: If your AIML files have categories that already exists in Denise's core AI Brain, these categories can be "Shadowed" by Denise's own categories. This means that your custom category can never be triggered.

Note: Read Guile 3D Studio AIML Brain Editor Manual for more details on using your AIML file with Denise.

Note: Read Guile 3D Studio Custom AIML Tags Manual for details about using Denise's custom AIML tags within AIML categories.

Important: Always make a backup of your custom AIML files.

Denise's Overall Features

Customizing Denise's Speech Recognition Voice Commands (Denise Platinum Only)

We are working on a new feature to enable users to add custom Voice Commands. This will be available soon as a free update for Denise Platinum Version customers.

AIML Guile 3D Studio Custom Tags

Please read Guile 3D Studio AIML Custom Tags Manual for details

Translating Denise's interface to other languages

Guile 3D Studio Volunteers are currently translating Denise's Interface to:

- Italian
- Danish
- Spanish Spain
- Polish
- Filipino
- Tagalog
- Telugu
- Norwegian
- Russian
- Turkish
- Dutch
- Japanese
- French (France)
- French (Canadian)
- Swedish
- Welsh
- Portugues (Portugal)
- Arabic
- German
- Korean

If you'd like to translate Denise's Interface to any other language, please send an e-mail to support@guile3d.com and we will send you instructions about this process.

Kiosk Studio Application (Denise Platinum and Business Version)

The Kiosk Studio is a full feature application that comes with Denise, and gives you all the tools to create custom “PowerPoint Like” presentations, using Denise as the main actress.

It is a great tool to build products, e-learning or academic presentations using Denise and text to speech.

You create new slides by positioning Denise, your text, multimedia files and action buttons.

To open Kiosk Studio:

Using Keyboard:

Type:

- Kiosk
- Kiosk Studio

Using Voice:

Say:

- Kiosk Studio

Note: Kiosk Studio Manual will be available soon.

Artificial Intelligence Brain Editor Application (Denise Platinum and Business Version)

Build and edit your own pieces of knowledge. Create custom databases with questions and answers or use your already AIML set files (Artificial Intelligence Markup Language) in any language.

Denise Platinum Version also comes with more than 6.000 editable AIML categories to control Denise and all her features. You can use these files to modify her answers or to translate them to other languages, this way Denise will speak your language (if you have a text to speech in the specific language)

Please read Guile 3D Studio AIML Brain Editor Manual for details

To open AIML Brain Editor:

Using Keyboard:

Type:

- AIML Editor
- Brain

Using Voice:

Say:

- Brain Editor

Making Denise stop talking

Sometimes Denise can get a large amount of text to speak at once from a web result or other large text answer.

To make Denise stop talking:

Using Keyboard:

Type in Chat:

- Quiet
- Stop talking
- Silence

Using Voice:

Type in Chat:

- Stop talking

Date and Time

Using Keyboard:

Type:

- Date
- Time
- What time is it?
- What day is today?
- Whats today date?

Using Voice:

Say:

- Date
- Time
- What time is it?
- Whats today date?

Text Reading Feature

You can make Denise read aloud any text, documents or web page content.

Using your mouse left button, select the text. With text selected, click on it with your mouse left-button and drag and drop it on Denise's face.

Numbers, Math operations and other calculations

Using Keyboard:

Type in Chat:

- How much is 10×5
- How much is 10 times 5
- 1345 times 435
- Calculate 2345 divided by 12
- Choose 6 Numbers
- Count from 6 to 12
- Pick a Number

Free Chat with Denise

You can free chat with Denise about anything. She has a great overall knowledge about many subjects, and her talking capability will continue to grow and improve with time.

Some fun things to ask Denise:

Using Keyboard:

Type in Chat:

- Tell me a Joke
- Tell me Poem
- Tell me a Story
- Give me an advice
- Say something nice

Using Voice:

Say:

- Tell me a Joke
- Tell me Poem
- Tell me a Story
- Give me an advice
- Say something nice

Shutting down and Restarting the computer

Using Keyboard:

Type in Chat:

- Shutdown
- Computer Shutdown
- Turn computer off
- Restart
- Restart computer

Using Voice:

Say:

- Computer Shutdown
- Restart computer

Closing Denise Application

Using Keyboard:

Type in Chat:

- Exit
- System Close
- System Shutdown
- Off
- Disconnect

Using Voice:

Say:

- System Close
- System Shutdown
- Exit

Denise Screen Position and Quick Size Change

Using Keyboard:

Type in Chat:

- Big
- Get Big
- Small
- Get Small
- Go away
- Bottom Left
- Top Right

Using Voice:

Say:

- Get Big
- Get Small

Note: You can also make Denise get big and get small by double clicking on her face.

Shortcuts

To speed access to Denise's functions, you can also use some shortcuts.

- Open Agenda: Type "A"
- Start Music: Type "M"
- Check E-mails: Type "E"
- Check News: Type "N" or "N" (topic) Ex: "N football."
- Weather Forecast: Type "WF"
- Current Temperature: Type "Temp"
- Open Programs: Type "O" (application name). Ex: "O Excel" or "O Notepad".
- Web Search: Type "S" (query) Ex: "S Dolphins"
- Web Search in Google: Type "G" (query) Ex: "G Whales"
- Web Search in Bing: Type "B" (query) Ex: "B Dolphins"
- Wikipedia Search: Type "W" (query) Ex: "W Avatar"
- Search Files on Computer: Type "PC" (file) Ex: "PC Denise"
- Search Maps: Type "M" (address) Ex: "M 11 Madison Ave".
- Dictionary: Type "D" (word) Ex: "D Polygon".
- Translations: Type "T" (word or phrase) Ex: "T book".
- My Documents Folder: Type "Docs"