AIML(Program #) for Unity 3D – tutorial for mobile and web How the AIML works?

You can find the answers here:

http://www.alicebot.org/aiml.html

http://www.alicebot.org/documentation/aiml-reference.html

How the C # interprets the AIML files?

You can find the answers here:

http://aimlbot.sourceforge.net/

How the Program # - AIMLbot.dll was implemented in Unity3D?

You must be wondering why you are not finding the "AIMLbot.dll" file. Well, that's because if you want to change something in a class, you need not open the original project and re-build of the DLL.

Now, answering the question, the class "ChatbotMobileWeb.cs" has two functions:

• public void **loadAIMLFromXML**(XmlDocument[] aiml, string[] aimlFileName)

This function is called the class "*ChatWindowExampleMobileWeb.cs*" it load all *AIML*, files.

IMPORTANT: Rename all AIML files to XML and put it on the Resources folder

First all *XML* are loaded as text and then transformed into "*XmlDocument*".

After AIML is loaded into the "Start ()" the "ChatWindowExampleMobileWeb.cs" class.

 public void LoadSettings(string GlobalSettings, string GenderSubstitutions, string Person2Substitutions, string PersonSubstitutions, string Substitutions, string DefaultPredicates, string Splitters)

This function loads the bot settings such as name, interests and etc ...

First all XML are loaded as text and then transformed into "XmlDocument".

You can find this example in class "ChatbotMobileWeb.cs".

```
| Ineference | public void LoadSettings(string GlobalSettings, string GenderSubstitutions, string Person2Substitutions, string PersonSubstitutions, string Person2Substitutions, string Person2Subst
```

Here the files are loaded from the **Resources** folder as text and passed on to the function.

You can find this example in class "ChatWindowExampleMobileWeb.cs".

```
Oreferences

void Start()

{

bot = new ChatbotMobileWeb();

LoadFilesFromConfigFolder();

bot.LoadSettings(GlobalSettings.text, GenderSubstitutions.text, Person2Substitutions.text, PersonSubstitutions.text, Substitutions.text

TextAssetToXmlDocumentAIMLFiles();

bot.LoadBrain();

bot.LoadBrain();

}

// Update is called once per frame
```

You can find this example in class "ChatWindowExampleMobileWeb.cs".

Save and Load

You can find this example in class "ChatbotMobileWeb.cs".

An *XML* is created for the bot remember (saved with <u>PlayerPrefs</u>) all the information that the user entered during the conversation, such as name, age, country, etc...

This *XML* is loaded (<u>PlayerPrefs</u>) when you start the conversation with the bot and saved when the scene is closed.

You can find this example in class "ChatWindowExampleMobileWeb.cs".

```
void Start()
          bot = new ChatbotMobileWeb();
          LoadFilesFromConfigFolder();
          bot.LoadSettings(GlobalSettings.text, GenderSubstitutions.text, Person2Substitutions
          TextAssetToXmlDocumentAIMLFiles();
          bot.loadAIMLFromXML(aimlXmlDocumentList.ToArray(), aimlXmlDocumentListFileName.ToArr
         bot.LoadBrain();
П
      void Update()...
      void OnGUI()...
      1 reference
      private void windowFunc(int id)...//close windowFunc
      void LoadFilesFromConfigFolder()
      void TextAssetToXmlDocumentAIMLFiles()...
ı
      0 references
      void OnDisable()
          bot.SaveBrain();
```

This solution was based on this response:

http://stackoverflow.com/questions/11184984/aimlbot-c-sharp-save-brain

You can now open the **ChatbotMobileWeb.cs** class for more information. In class **ChatWindowExampleMobileWeb.cs** You can find an example of how to create a bot in your project.

If you are interested in the development of PC / Desktop, you can use this tutorial or go to the tutorial:

AIML(Program #) for Unity 3D – tutorial for PC

Maybe you might like to see this:

https://xinyustudio.wordpress.com/2014/03/08/get-started-with-aiml-c-programming-i-just-say-hello-to-the-robot/

https://mattg19.wordpress.com/2011/03/07/using-aiml-in-c-a-program-tutorial/