**AIML**, or [**Artificial Intelligence**](https://en.wikipedia.org/wiki/Artificial_intelligence)**Markup Language**, is an [XML](https://en.wikipedia.org/wiki/XML) dialect for creating [natural language](https://en.wikipedia.org/wiki/Natural_language) software agents.

1. Cleverbot

**Cleverbot** is a [chatterbot](https://en.wikipedia.org/wiki/Chatterbot) [web application](https://en.wikipedia.org/wiki/Web_application) that uses an [artificial intelligence](https://en.wikipedia.org/wiki/Artificial_intelligence) (AI) [algorithm](https://en.wikipedia.org/wiki/Algorithm) to have conversations with humans. It was created by British AI scientist [Rollo Carpenter](https://en.wikipedia.org/wiki/Rollo_Carpenter).

Besides the web application, Cleverbot is also available as an [iOS](https://en.wikipedia.org/wiki/IOS), [Android](https://en.wikipedia.org/wiki/Android_(operating_system)), and [Windows Phone](https://en.wikipedia.org/wiki/Windows_Phone) app.

Language – Python

Cleverbot is constantly learning, growing in data size at a rate of 4 to 7 million interactions per second. Updates to the software have been mostly behind the scenes. In 2014, Cleverbot was upgraded to use [GPU](https://en.wikipedia.org/wiki/GPU) serving techniques.[[7]](https://en.wikipedia.org/wiki/Cleverbot#cite_note-7) The program chooses how to respond to users fuzzily, the whole of the conversation being compared to the millions that have taken place before. Cleverbot now uses over 279 million interactions, about 3-4% of the data it has already accumulated. The developers of Cleverbot are attempting to build a new version using machine learning techniques.[[8]](https://en.wikipedia.org/wiki/Cleverbot#cite_note-8)

**A significant part of the engine behind Cleverbot and an API for accessing it has been made available to developers in the form of Cleverscript.**

**A service for directly accessing Cleverbot has been made available to developers in the form of Cleverbot.io**

How does Cleverbot Evie work?

Evie's artificial intelligence program is able to control the facial movements and expressions of the visual avatar. The program also includes lip-syncing support and is able to access a wide variety of voice options that are used in the program's user interaction. As of 2015, Cleverbot Evie is available for flash-supporting browsers and can also be used on mobile devices running either iOS or Android.

Cleverbot is developed by Existor, a technology company that was established in 2007 to promote research for artificial intelligence, machine learning and the promotion of Evie. Existor states that the Cleverbot program database contains 250 million rows of data and allows the company to develop specialties in both GPU programming and Big Data. In addition to Cleverbot, Existor also offers the Cleverscript program that works in conjunction with a mini version of Cleverbot to create scripts.

2) JABBERWRACKY

**Jabberwacky** is a [chatterbot](https://en.wikipedia.org/wiki/Chatterbot) created by British programmer [Rollo Carpenter](https://en.wikipedia.org/wiki/Rollo_Carpenter). Its stated aim is to "simulate natural human chat in an interesting, entertaining and humorous manner". It is an early attempt at creating an [artificial intelligence](https://en.wikipedia.org/wiki/Artificial_intelligence) through [human interaction](https://en.wikipedia.org/wiki/Human%E2%80%93computer_interaction)

**Artificial Solutions is a multinational**[**software company**](https://en.wikipedia.org/wiki/Software_company)**that develops and sells natural language interaction products for enterprise and consumer use.**[**[1]**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-1)**The company's natural language solutions have been deployed in a wide range of industries including finance,**[**[2]**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-2)[**[3]**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-3)[**[4]**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-4)**telecoms,**[**[5]**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-5)[**[6]**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-6)**the public sector,**[**[7]**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-7)[**[8]**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-8)**retail**[**[9]**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-9)**and travel.**[**[**](https://en.wikipedia.org/wiki/Artificial_Solutions#cite_note-10)

3) ELBOT

Elbot is the cheeky chatbot that demonstrates some of the artificially intelligent capabilities in the Teneo platform with his challenging take on living with humans.

* Android: <https://play.google.com/store/apps/details?id=com.artificialsolutions.elbot>
* iPhone: <https://itunes.apple.com/us/app/elbot/id1030797796>

One of just a range of natural language solutions that can be built with the Teneo Platform, Elbot showcases Artificial Solutions’ natural language conversational capabilities including understanding of complex sentences and user sentiment, alongside the importance of personality when interacting with humans.

# A.L.I.C.E.

## (A.L.I.C.E. A.I Foundation)

A.L.I.C.E. (Artificial Linguistic Internet Computer Entity) is a free software [chatbot](http://www.chatbots.org/chatbot) created in AIML (Artificial Intelligence Markup Language), an open, minimalist, stimulus-response language for creating bot personalities like A.L.I.C.E.

|  |  |
| --- | --- |
| **Chatbot Details** | |
| Developer: | [Richard Wallace](http://www.alicebot.org/bios/richardwallace.html) |
| Organisation: | [A.L.I.C.E. A.I Foundation](http://www.alicebot.org/) |
| Country: | [United States](https://www.chatbots.org/us) |
| Language: | [English](https://www.chatbots.org/language/english) |
| Themes: | [Social](https://www.chatbots.org/industry/social/) |
| Features: | [Text recognition](https://www.chatbots.org/features/text_recognition/), [Avatar](https://www.chatbots.org/features/avatar/) |
| Application: | [Proof of Concept](https://www.chatbots.org/applications/proof_of_concept/) |
| Synonym used: | [Chatbot](https://www.chatbots.org/chatbot/) |
| Started: | Jun 1995 |

"A.L.I.C.E." (Artificial Linguistic Internet Computer Entity), is a natural language processing chatterbot—a program that engages in a conversation with someone by applying heuristical pattern matching rules to the human's input. ALICE uses a form of XML called [AIML](http://en.wikipedia.org/wiki/AIML). AIML is used to create your chatbot's personality and is easily configured and updated by editing the AIML text-based files.

AIML is used to create your chatbot's personality and is easily configured and updated by editing the AIML text-based files.

The ALICE chatbot code itself is a set of java code based on ALICE which in turn is based on the original [Eliza](http://en.wikipedia.org/wiki/ELIZA). There is a LOT that you can customize on it.

## Pandorabots is a web service for building and deploying chatbots.

# How to create a jabber chat bot based on AIML,the C# way.

I have created a jabber chat bot based on on the A.L.I.C.E(Artificial Linguistic Internet Computer Entity) and AIML(Artificial Intelligence Markup Language). It’s really simple to build your own alice chat bot by using agsXMPP and AIMLBot.The following sections is my quick and dirty tour on how to do it(You should know how to use agsXMPP and AIMLBot first)...

Microsoft Bot Platform

## Creating a Microsoft Teams bot

All bots created using the Microsoft Bot Framework are automatically configured and ready to work in Microsoft Teams.

1. Register the bot with the Microsoft Bot Framework, and make sure you add Microsoft Teams as a channel. When you first register a bot it will be in preview, which means that it is only available to users in Microsoft Teams via side loading of the bot ID or via add button.
2. Build a bot using the [C# SDK](https://docs.botframework.com/en-us/csharp/builder/sdkreference/), [Node.js SDK](https://docs.botframework.com/en-us/node/builder/chat-reference/modules/_botbuilder_d_.html) or [Microsoft Bot Connector API](https://docs.botframework.com/en-us/restapi/connector/#navtitle).
3. Test it using the [Bot Framework Emulator](https://docs.botframework.com/en-us/tools/bot-framework-emulator/)
4. Deploy the bot to a cloud service, such as [Microsoft Azure](https://azure.microsoft.com/)
5. [Add the bot](https://msdn.microsoft.com/en-us/microsoft-teams/bots#testing-your-bot-in-microsoft-teams) to a Microsoft Teams 1:1 chat, and test