

CREATION AND USE OF TELEGRAM-BOTS FOR LEARNING ENGLISH

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In contemporary digital world, convenience and speed are the most important criteria when using any product. In any aspect of our life, we value these two properties even more than the cost and quality of any product or service. The same can be applied to foreign languages. Since the easier and more convenient it is to learn a particular language, the more likely it is that you will reach greater heights in this matter. Telegram bots provide us with such an opportunity, realizing a wide range of prospects in this area. [1]

Bots are Telegram accounts that are operated by software, not people, and they often have artificial intelligence capabilities. They can do anything - teach, play, search, broadcast, remind, connect, be integrated with other services or even send commands to the Internet of Things. [2]

And this cycle repeats over and over again when you press the buttons and interact with any telegram bot.

Telegram bots are used for the following purposes:

- a. Integration with other services;
- b. Utilities and Tools;
- c. Social services;
- d. Business sphere;
- e. Learning foreign languages.

In order to create a telegram bot, you need to perform the following steps:

The first step is to enter @BotFather in the search field and select a bot. The next step is to click "Run" to activate the BotFather bot. Then select or type and send the command /newbot. The last step is to give the bot a name - users will see this name when communicating with the bot. And the nickname of the bot - you can use it to find the bot in Telegram. The nickname must be unique, not duplicate existing ones in the database and end with the word "bot".

Features of Telegram bots:

- 1 The robots do not have the statuses "online" and "was online", instead the inscription "bot" is displayed.
- 2 Limited space is allocated for bots on servers - all messages will be deleted after a certain period of time after processing.
- 3 Bots cannot start communicating with the user themselves. The user must either add the robot to the group, or be the first to start a dialogue with him. To do this, you can use links like t.me/ <bot_username> or search by username.
- 4 The robot's username must end with "bot" (for example, @controllerbot).
- 5 When added to a conference, by default the robot does not receive all messages (see privacy mode).

With the help of telegram bots, you can learn new languages at any convenient time (since mobile devices are very compact and easy to carry with you in a backpack, bag,

pocket). And the modern power of these devices provides you with opportunity to use these software packages without the loss of performance. This allows you to review, check and learn the rules of the English language anywhere, anytime and in a playful mode to burrow deep into the process, and not to give up process of learning due to demotivation.

The bot utilities algorithm is structured as follows: in order to receive a message with some information, you need to send a command or a request to the server.

The interaction between the user and the bot looks like this:

The user of the bot gives him a command -> The bot sends the command to the server -> The program on the server processes the request received from the bot -> The server gives a response to the bot -> The bot displays the response on the application screen to the user.

This is how bots for learning English work. For example - "Grammar Checker", checks the application you have submitted for compliance with the grammar rules (articles, word order in the application, use of prepositions, and so on).

For expanding and learning new vocabulary, the "Dictionary" bot is suitable. It allows you to gamify the process of memorizing new words and expressions, for this you enter the word and its translation into the bot and the word is entered into your personal dictionary, after which at any time you can play a mini-game based on your vocabulary, the essence of which is to choose the correct translation of the words.

To practice pronunciation, you can use a bot - "PronunciationBot", it sends an audio message containing a recording of the correct word pronunciation in response to the message that you enter. [3]

Telegram bot "EnglishSimpleBot" sends the user a small text in English on a variety of topics several times a day, using the push-notifications function, which allows the user to keep up with the latest updates. The texts themselves are small in size. They give the beginner the habit of reading and help to keep mind around English words and sentences.

The prospect of learning English by this method can lead to a positive final result, due to the availability of the application, ease of use and extensive functionality, which allows both the beginner and the person with the knowledge to learn or maintain knowledge of the language at a decent level.

References

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