Xatkit – Easiest way to build advanced flexible chatbots

What is Xatkit?

Xatkit (https://github.com/xatkit-bot-platform/xatkit, https://xatkit.com/) has been created to reduce boilerplate code, complex API understanding, and technical details to facilitate the definition and deployment of your bots. Xatkit helps you focus on what really matters: the conversation logic you want to embed in your chatbot.

To do so, we have baked a chatbot-specific definition language to specify user intentions, receive events (your bots can also be proactive!), and bind them to computable actions following powerful state machine semantics. Our chatbot language is implemented as a Java Fluent Interface combining the low-code benefits of using a dedicated chatbot Internal DSL with the full power of Java when you need to write complex bot behaviours.

This chatbot specification is then handled by the Xatkit Runtime Engine, which automatically manages its deployment and execution. See some examples of what you can do with Xatkit!. Reuse the existing platforms (or add your own) to make your bot talk with external services (Slack, GitHub, websites,...).

Adding new platforms to Xatkit

Currently, Xatkit supports a number of platforms (like Slack or GitHub) but there are other platforms we would be interested in supporting as well. Some examples are Microsoft Teams, Helpdesk tools or additional NLP providers (like IBM Watson). We are also open to consider suggestions from the student/s if they have a special interest in a given platform and have a good idea to be used as test case for that platform.

The project would include:

- Creating the connector between Xatkit and the target platform/s
- Define the test suite to validate the connector
- Creating a non-trivial bot that uses the new (and potentially) other platforms

Contact and additional info

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