**Botpress**

**Introduction**

For most developers, building a bot a something new and sounds like a fun challenge. To be able to create software that converses in a natural way with humans is an exciting new reality. The problem is that you don’t want to spend hundreds of hours learning and putting together all the infrastructure and boilerplate code required to get a basic conversational backend up and running. Botpress is a lightweight, fast and flexible on-premise bot building platform.

It is complete platform that ships with all the tools required to build, deploy and manage bots which can be used in production in record time. Below are the components that installed by default:

* An NLU engine
* An admin dashboard
* A visual flow editor
* A chat debugger
* Support for multiple messaging channel

**Importance of Botpress**

The first advantage of botpress is that it runs on fully on-prem which results in the control over the data which comes in and out. This is open source platform. Botpress is extremely flexible and developer friendly. And the main importance is it has zero dependencies.

**Model**

There are three main steps while building a bot:

First: Developers start by **Building** the bot, which consists of adding the necessary messaging channels, coding the necessary backend integrations your bot will need to interact with and creating the main dialog flows.

Second: Once done, you'll need to **Deploy** the bot somewhere, which could be on the cloud or your own infrastructure.

Finally: You will give access to the bot to more people so they can **Manage** the bot post-deployment. Managing a bot entails analyzing the conversations, refining the conversational experience by building new flows and to make it smarter by continuously improving the NLU.