

LegoBots - Rasa Meet-up (Bengaluru Chapter)



@legobots_io

@Rasa_HQ



GreenBubbles
The Startup Catalysts

Who Am I ?

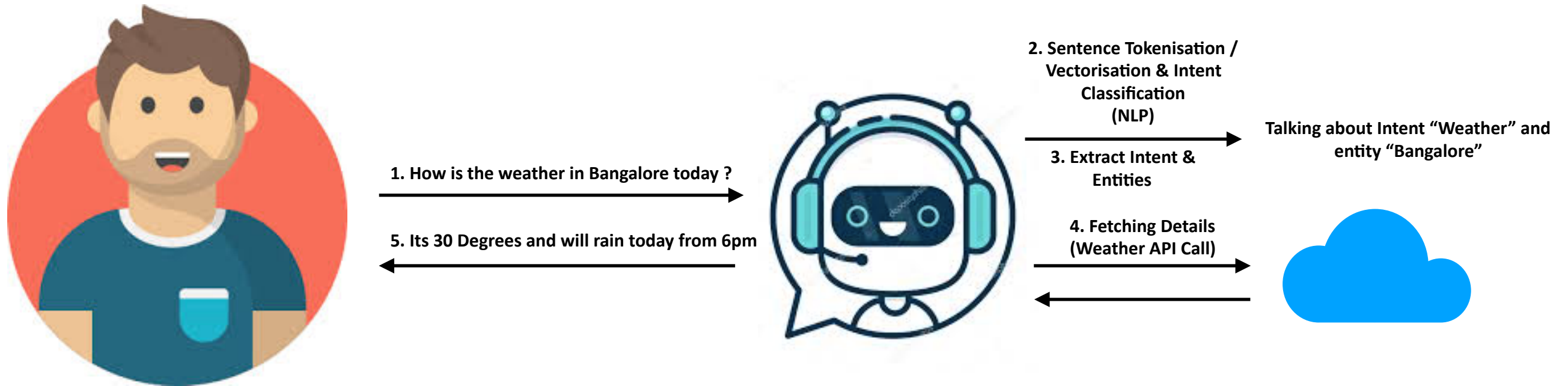


@qasoumya

What's in today's talk !

- Chatbot Generics !
- Rasa Architecture - The Stack !
- Learn to create a bot in minutes ! Code Along !
- What's Next

Chatbot Generics !



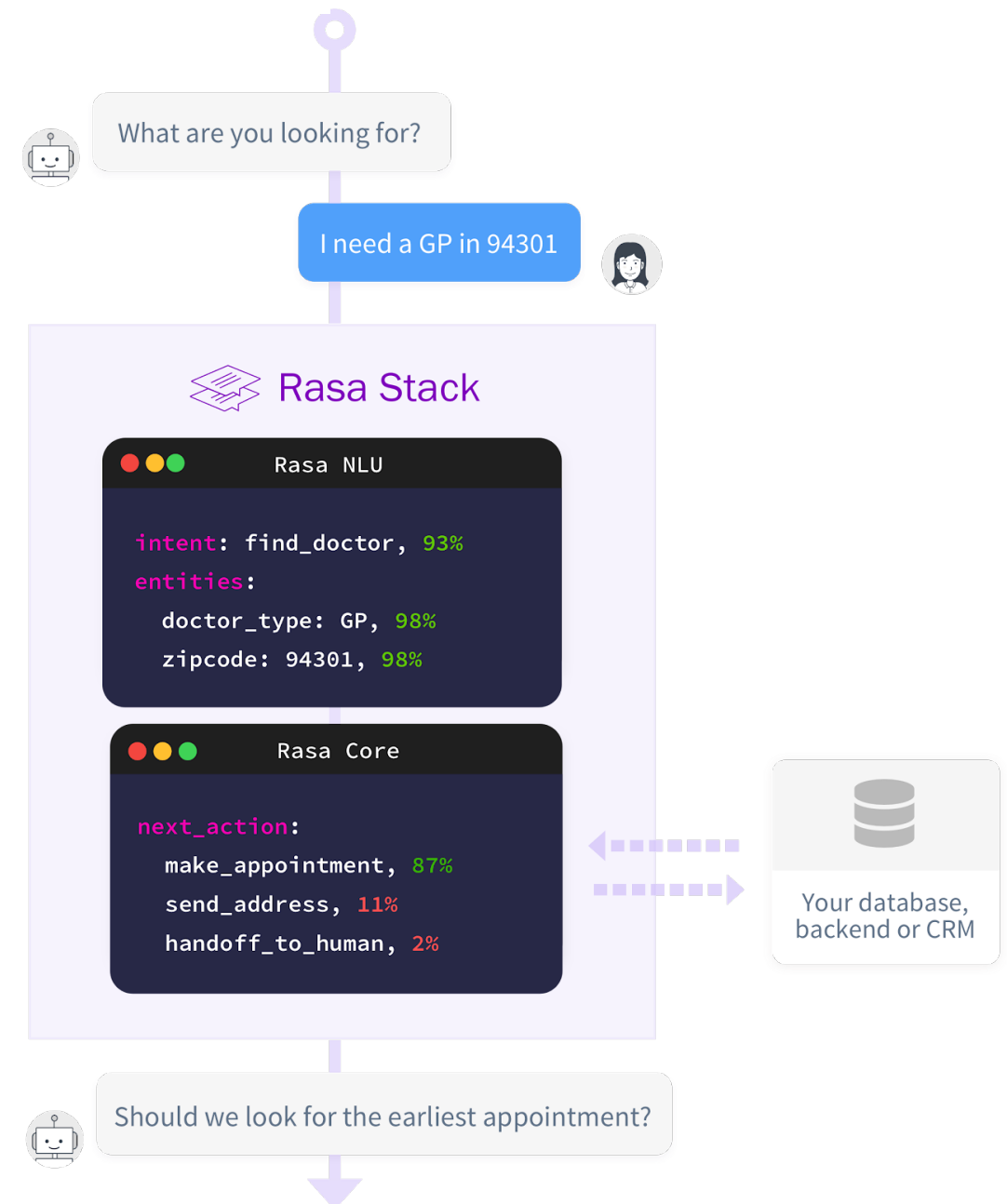
The Rasa Stack !



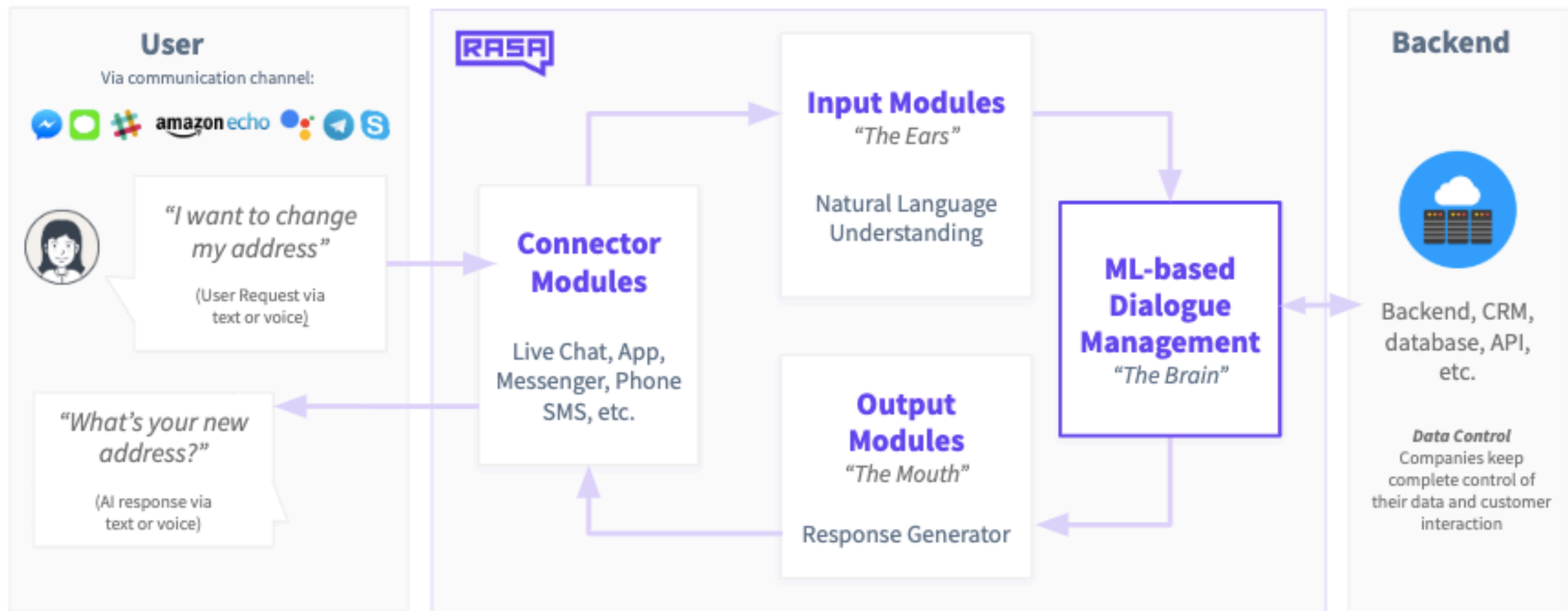
The Rasa Stack: Open source tools for developers to automate contextual text and voice conversations

The **Rasa Stack** is a set of open source machine learning tools for developers for conversational AI:

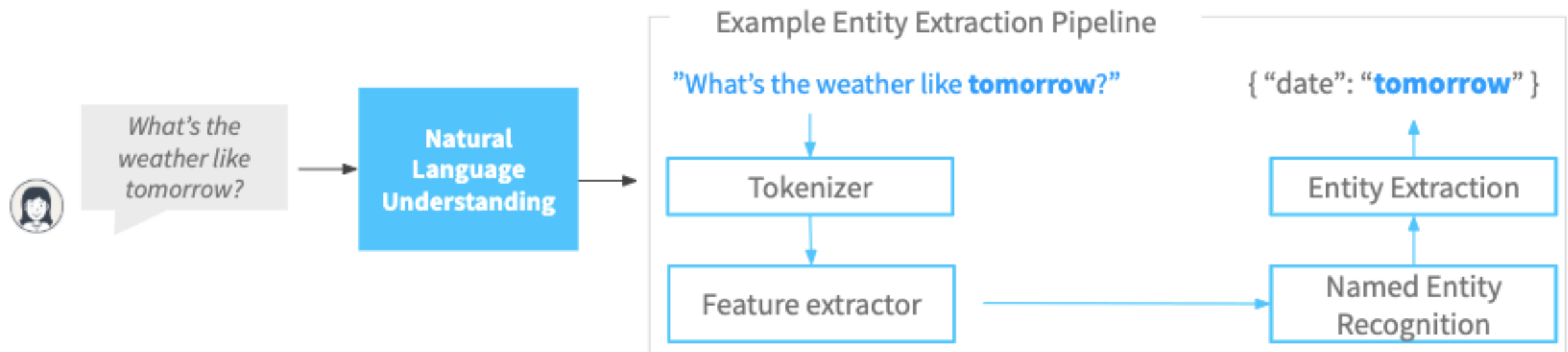
- **Core:** framework for machine learning-based, contextual decision making
- **NLU:** a library for natural language understanding with intent classification and entity extraction



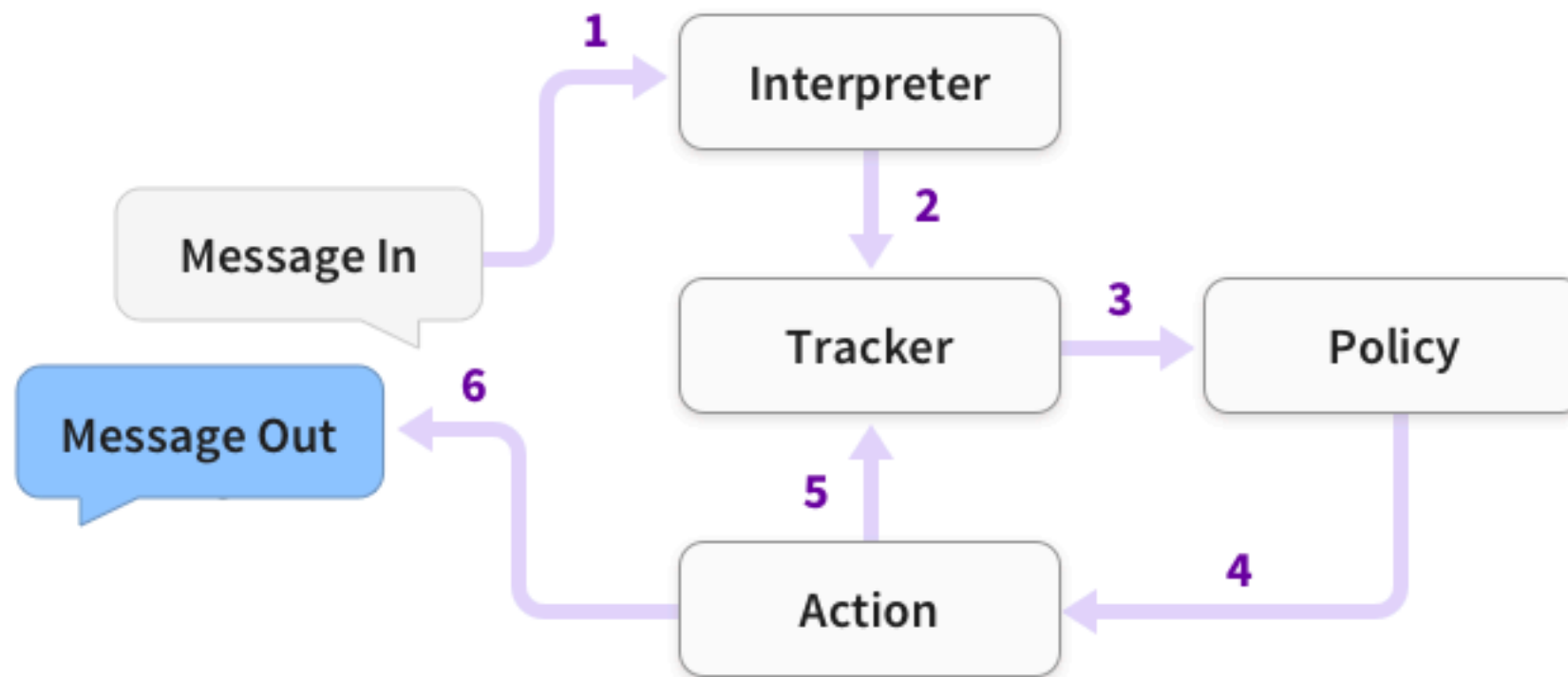
Rasa's technology can understand natural language and decide about the next best action based on the context of the conversation using Machine Learning



Rasa NLU: Entity Extraction



Rasa Internals



Project Structure

<code>__init__.py</code>	an empty file that helps python find your actions
<code>actions.py</code>	code for your custom actions
<code>config.yml</code> <small>(*)</small>	configuration of your NLU and Core models
<code>credentials.yml</code>	details for connecting to other services
<code>data/nlu.md</code> <small>(*)</small>	your NLU training data
<code>data/stories.md</code> <small>(*)</small>	your stories
<code>domain.yml</code> <small>(*)</small>	your assistant's domain
<code>endpoints.yml</code>	details for connecting to channels like fb messenger
<code>models/<timestamp>.tar.gz</code>	your initial model



<code>intents</code>	things you expect users to say
<code>actions</code>	things your assistant can do and say
<code>templates</code>	template strings for the things your assistant can say

Let's Code a Zomato Bot !!



What's Next!!

1. Check the pulse - who can be next speaker (project experience)
2. What the topics to be covered in the next meet up for code along
3. Talk about Rasa Forum (show the site)
4. Encourage to follow on twitter

