

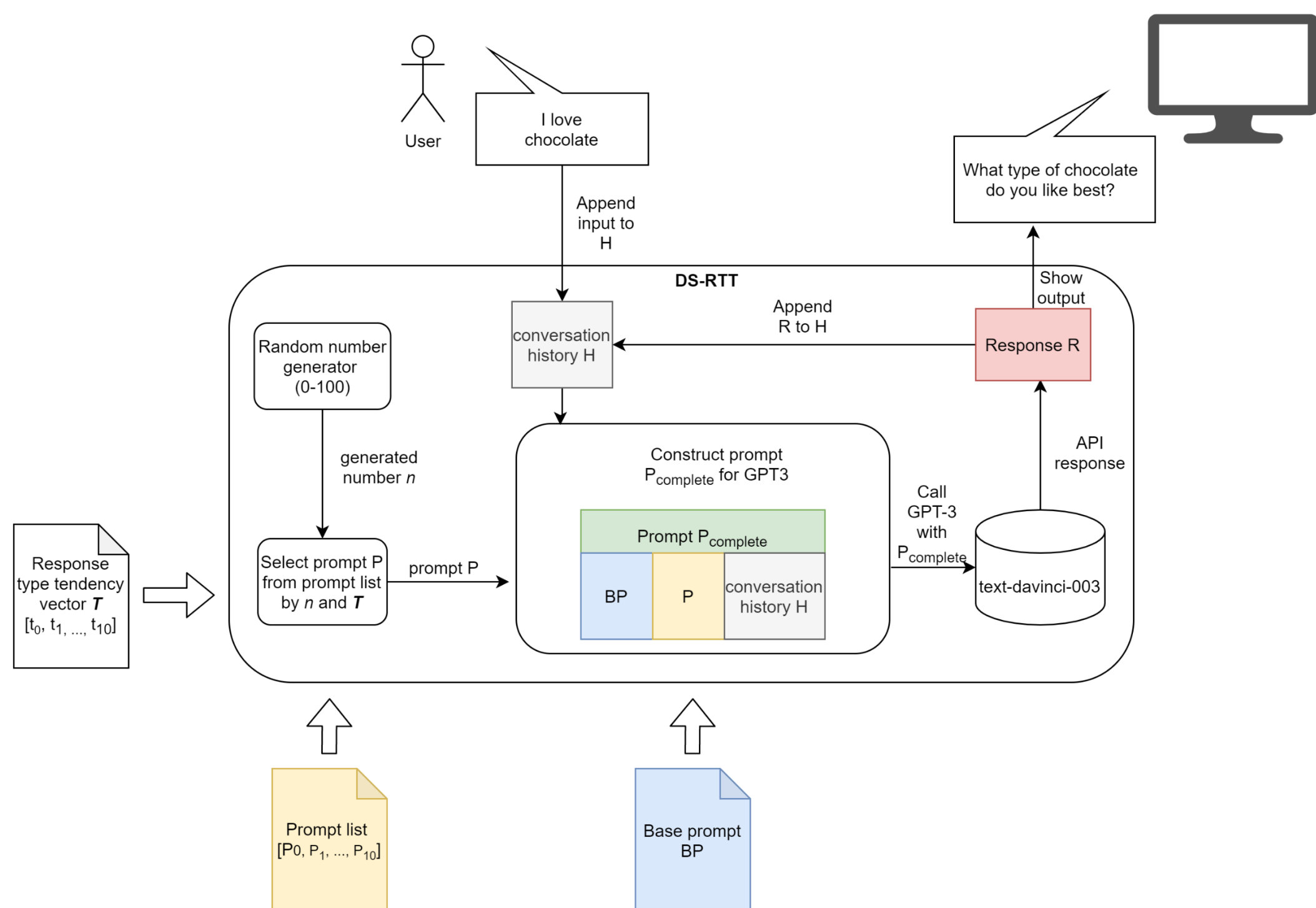
# Personality-based dialogue system with Response Type Tendency Control

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## Project Objectives:

This project explored the construction of dialogue systems with personalities by controlling the tendencies of dialogue systems to generate certain types of utterances (known as RTT – response type tendency – in this project).



## Methodology

This project proposed a new list of RTTs and personality traits. An auto classifier was trained for response type labeling. RTTs extracted from fictional characters were compared to unveil the relationship between personalities and RTTs.

## Findings

This project proved that RTT control has a significant impact on the personality traits displayed by dialogue systems. Based on this, a dialogue system based on GPT-3 and RTT control – DS-RTT – was constructed.