

One of the limitations is that there isn't really a way to go back in the conversation, for example at the last confirmation to correct the day or time, besides adding another check that would let the user input new data or re-running the conversation – but that presumes the user would always be as predictable as the machine is and change their mind only when prompted. The machine can't listen at the same time as it is saying something – error correction is only available to the degree we can integrate it in the conversational script.

Another limitation was how difficult it is to make the grammar variable enough to handle the most common affirmations and negations. I did write a generator function `generateTimeEntries()` that creates entries for every minute of the day, because the expected input is regular enough, but this isn't the case for natural language in general – for example, we would need to use a language model or just manually enter as many synonyms for the entry in question as we can remember.