CHAPTER 6

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Developing a Note-Taking Application

A virtual assistant would not be truly useful if it didn't help with tasks such as writing notes for you so you don't have to pick up a pen or type your creative thoughts on the keyboard. This chapter covers the steps to build a voice-controlled, note-taking application using Python code and a SQLite3 database. This application lets the reader save any message in the database with the help of the *note* keyword and retrieve the notes later by asking Melissa to do so.

The application uses a SQLite database to save the notes. Python by default installs SQLite3, so don't worry about having to install anything in this chapter.

This chapter's very simple voice-controlled, note-taking application is invoked if it finds the *note* keyword. It follows the same message-extraction technology you used to build the `define_subject` module and the music-search functionality in the `play_music` module.

Design Workflow

In this application, you search `speech_text` for the keyword *note*. It then removes the word *note* from `speech_text` to extract the note. You rejoin the message and insert the note into the database along with the date. When it is saved successfully, you see an alert (see Figure 6-1).