Background processes

Have you ever wanted to execute Dart code in the background—even if your app wasn't the currently active app? Perhaps you war to implement a process that watches the time, or that catches camera movement. In Flutter, you can execute Dart code in the background.

The mechanism for this feature involves setting up an isolate. *Isolates* are Dart's model for multithreading, though an isolate diffe from a conventional thread in that it doesn't share memory with the main program. You'll set up your isolate for background execution using callbacks and a callback dispatcher.

For more information and a geofencing example that uses background execution of Dart code, see the Medium article by Ben Ko Executing Dart in the Background with Flutter Plugins and Geofencing. At the end of this article, you'll find links to example code, relevant documentation for Dart, iOS, and Android.