

Code changes

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136
137 void task1() {
138     /* Block for 100ms */
139     const TickType_t xDelay = 100 / portTICK_PERIOD_MS;
140     while (1) {
141         printf("This is task1\n");
142         fflush(stdout);
143         vTaskDelay(xDelay);
144     }
145 }
146
147 void task2() {
148     /* Block for 500ms */
149     const TickType_t xDelay = 500 / portTICK_PERIOD_MS;
150     while (1) {
151         printf("This is task2\n");
152         fflush(stdout);
153         vTaskDelay(xDelay);
154     }
155 }
156
157 int main( void )
158 {
159     /* This demo uses heap_5.c, so start by defining some heap regions. heap_5
160     is only used for test and example reasons. Heap_4 is more appropriate. See
161     http://www.freertos.org/a00111.html for an explanation. */
162     prvInitialiseHeap();
163
164     /* Initialise the trace recorder. Use of the trace recorder is optional.
165     See http://www.FreeRTOS.org/trace for more information. */
166     vTraceEnable( TRC_START );
167
168     xTaskHandle HT1, HT2;
169     xTaskCreate(task1, "Task1", 1000, NULL, 3, &HT1);
170     xTaskCreate(task2, "Task2", 100, NULL, 1, &HT2);
171
172     vTaskStartScheduler();
173     for (;;);
174 }
```

Running tasks

