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The parallel sections Construct

In the following example routines **XAXIS**, **YAXIS**, and **ZAXIS** can be executed concurrently. The first **section** directive is optional. Note that all **section** directives need to appear in the **parallel sections** construct.

▼ C/C++ ▼
Example 12.1c

```
void XAXIS();
void YAXIS();
void ZAXIS();

void sect_example()
{
    #pragma omp parallel sections
    {
        #pragma omp section
            XAXIS();

        #pragma omp section
            YAXIS();

        #pragma omp section
            ZAXIS();
    }
}
```

▲ C/C++ ▲

▼ Fortran ▼
Example 12.1f

```
      SUBROUTINE SECT_EXAMPLE()
!$OMP PARALLEL SECTIONS
!$OMP SECTION
      CALL XAXIS()
!$OMP SECTION
      CALL YAXIS()

!$OMP SECTION
      CALL ZAXIS()

!$OMP END PARALLEL SECTIONS
      END SUBROUTINE SECT_EXAMPLE
```

▲ Fortran ▲