

## Async await, promise then

[https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/async\\_function](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/async_function)

An async function is a function declared with the `async` keyword, and the `await` keyword is permitted within it. The `async` and `await` keywords enable asynchronous, promise-based behavior to be written in a cleaner style, avoiding the need to explicitly configure promise chains.

Async functions may also be defined [as expressions](#).

## Try it

### JavaScript Demo: Statement - Async

```
1 function resolveAfter2Seconds() {
2   return new Promise(resolve => {
3     setTimeout(() => {
4       resolve('promise resolved');
5     }, 2000);
6   });
7 }
8
9 async function asyncCall() {
10  console.log('calling');
11  const result = await resolveAfter2Seconds();
12  console.log("in result",result);
13  // expected output: "resolved"
14 }
15
16 asyncCall();
17
```