What is async Await

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It is special syntax to work with promises in a more comfortable fashion, called "async/await". It's easy to understand and use.

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So, async ensures that the function returns a promise, and wraps non-promises in it

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This function returns a resolved promise with the result of 1

```javascript
async function f() {
  return Promise.resolve(1);
}

f().then(alert); // 1
```

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Another keyword, await, that works only inside async functions, It makes JavaScript wait until that promise settles and returns its result.

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The Function Execution "Pauses" At The Line (*) And Resumes When The Promise Settles, With Result Becoming Its Result. So The Code Above Shows "Done!" In One Second.

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Promise That Resolves In 1 Second:

```javascript
async function f() {

let promise = new Promise((resolve, reject)=>{
  setTimeout(() => resolve("done!"), 1000)
});

let result = await promise; // wait until the
promise resolves (*)
  alert(result); // "done!"
}

f();
```

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