



await & async let **in Swift**



Both **await** and **async let** perform asynchronous operations in Swift. However, they don't run the same way.

await suspends the function waiting for the work to complete so we can read its result, whereas **async let** does not.



await

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To make two dependent network requests where one depends on the result of the other, you should use **await** and have code like this:

```
func fetchData() async {  
    let first = await requestFirstData()  
    let second = await requestSecondData(using: first)  
}
```

In this code **requestSecondData** doesn't start until the **requestFirstData** completed and returned its value.



async let

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On the other hand if you want to make several independent requests then you should use **async let** :

```
func fetchData() async {  
    async let news = getNews()  
    async let weather = getWeather()  
    async let update = getAppUpdate().  
}
```

In this code the three requests would start simultaneously without waiting for each other's results.



Conclusion

Use **await** when it's important you have a value before continuing, and **async let** when you can continue without the value.