

YAPP

박 영 준



## 비동기에서의 Callback function

가독성..

```
$.ajax({
 url : '/posts',
  type: 'GET',
  success : function(result1){
   var posts = result1.data;
    $.ajax({
     url : '/posts/'+posts[0]._id,
     type: 'GET',
      success : function(result2){
       var post = result2.data;
       $.ajax({
         url : '/users/'+post.author._id,
         type: 'GET',
         success : function(result3){
          var user = result3.data;
          // user로 할일 - 3
       });
        // 그외 post로 할일 - 2
   });
   // 그외 posts로 할일 - 1
});
```



Inline 함수 사용

모듈화

코드의 간결화

Promise 사용





jQuery에서의 Deffered

Javascript Q, Vow, Bluebird 라이브러리

ES6 후

크롬 정식 지원

Node.js 지원



```
var async1 = function(param, callback) {callback(param*2);}
var async2 = function(param, callback) {callback(param*2);}
var async3 = function(param, callback) {callback(param*2);}
Complexity is 3 Everything is cool!
async2(result, function(result){ // 8
       async3(result, function(result){ // 16
           console.log(result);
       });
   });
});
```

```
Complexity is 3 Everything is cool!
 ■ function pAsync1(param){
    return new Promise(function(resolve, reject){
        resolve(param*2);
    });
   Complexity is 3 Everything is cool!
 ■ function pAsync2(param){
    return new Promise(function(resolve, reject){
        resolve(param*2);
    });
   Complexity is 3 Everything is cool!
 function pAsync3(param){
    return new Promise(function(resolve, reject){
         resolve(param*2);
    });
function myReject()
    console.log("Rejected");
pAsync1(2)
.then(pAsync2)
.then(pAsync3)
.then(function(result){
    console.log(result);
.catch(myReject);
```



```
function async1 (param){
    return Promise.resolve(param*2);
}
function async2 (param){
    return Promise.resolve(param*2);
}
function async3 (param){
    return Promise.resolve(param*2);
}
```

```
var _promise = new Promise( function(func){
   func(new Date());
});

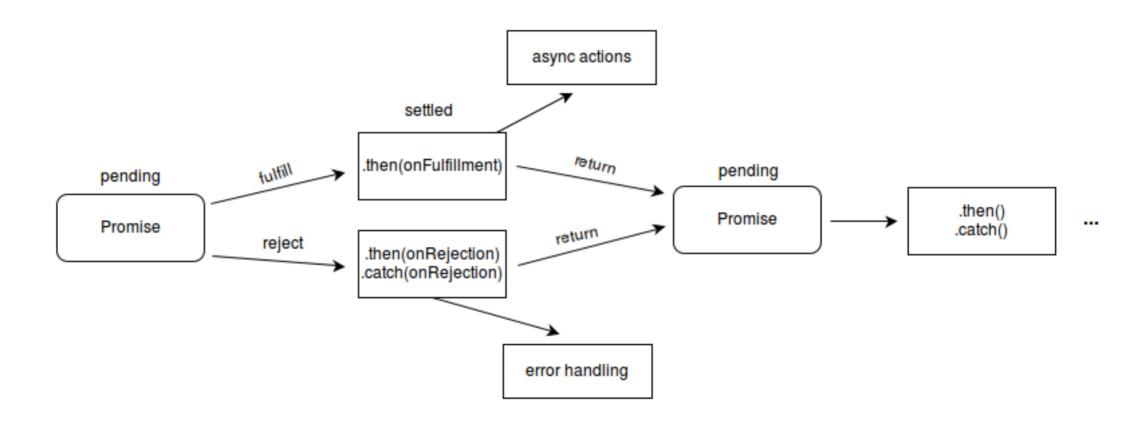
_promise.then(console.log);
_promise.then(console.log);
_promise.then(console.log);
```



```
pAsync1(2)
.then(pAsync2)
.then(pAsync3)
.then(function(result){
    console.log(result);
})
.catch(myReject);
```

```
var promise1 = new Promise(function(resolve, reject){
    setTimeout(function(){
        console.log("1 complete");
        resolve(1);
    }, 100);
});
var promise2 = new Promise(function(resolve, reject){
    setTimeout(function(){
        console.log("2 complete");
        resolve(2);
    }, 100);
});
Promise
    .all([promise1, promise2])
    .then(function(result){
        console.log(result);
    });
```







## 감사합니다