#### **CHEATSHEET FOR**

# Promises



Based on the Promise API reference (mozilla.org).

## **Creating promises**

```
new Promise(function (ok, err) {
  doStuff(function () {
    if (success) { ok(); }
    else { err(); }
  });
})
```

## **Consuming promises**

```
promise
  .then(okFn, errFn)
  .catch(errFn)
```

## Multiple promises

```
var promises = [
   promise1(), promise2(), ...
]

// succeeds when all succeed
Promise.all(promises)
   .then(function (results) {
   });

// succeeds when one finishes first
Promise.race(promises)
   .then(function (result) {
   });
```

#### **Converting other promises**

```
return Promise.resolve("result");
return Promise.resolve(promise);
return Promise.resolve(thenable);

return Promise.reject("reason");

Promise.resolve($.get('http://google.com'))
.then(...)
```



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Suggestions and corrections? Send them in. I'm Rico Sta. Cruz. Check out my Today I learned blog for more.

