Cheatsheet

promise

```
promise.then(function(response){
    // handle answer
});

promise.then(function(response){

}, function(err){
    // handle with errors in the promise
})

promise.then(function(response){
    // handle answer
})
.exception(function(){
    // handle all errors including exceptions
});
```

defer

for creating your own promises

```
function(){
    var deferred = $q.defer();

    deferred.resolve( 'success' );
    // use ONE of these
    deferred.reject('fail')

    return deferred.promise;
}
```

wait for all

When it doesnt matter which order they arrive in

```
$q.all([ getData1(), getData2() ]).then(function(results){

});
```

When you need to deal with the exact answer in a good way, with a named param

```
$q.all({
    data1 : getData1,
    data2 : getData2
});

function getData1(){
    var deferred = $q.defer();
    setTimeout(function(){

    }, 3000)
    deferred.resolve( 'data' )

    return deferred.promise;
}

function getData2(){
    var deferred = $q.defer();
    setTimeout(function(){

    }, 5000)
    deferred.resolve( 'data' )

    return deferred.promise;
}
```