**Q-1** [$rootScope.$broadcast vs. $scope.$emit](https://stackoverflow.com/questions/26752030/rootscope-broadcast-vs-scope-emit)

Answer: $rootScope.$emit only lets other $rootScope listeners catch it. This is good when you don't want every $scope to get it. Mostly a high level communication. Think of it as adults talking to each other in a room so the kids can't hear them.

$rootScope.$broadcast is a method that lets pretty much everything hear it. This would be the equivalent of parents yelling that dinner is ready so everyone in the house hears it.

# Q-2 [$on and $broadcast in angular](https://stackoverflow.com/questions/19446755/on-and-broadcast-in-angular)

Answer: If you want to $broadcast use the $rootScope:

$scope.startScanner = function() {

$rootScope.$broadcast('scanner-started');

}

And then to receive, use the $scope of your controller:

$scope.$on('scanner-started', function(event, args) {

// do what you want to do

});

If you want you can pass arguments when you $broadcast:

$rootScope.$broadcast('scanner-started', { any: {} });

And then receive them:

$scope.$on('scanner-started', function(event, args) {

var anyThing = args.any;

// do what you want to do

});