**Factory**

Factories, Services and providers are quite similar, but it’s the way in that they should be used is what makes them different. Factories are more flexible and powerful than a service. They can return almost anything.

“Essentially, factories are functions that *return the object*, while services are *constructor functions of the object* which are instantiated with the new keyword.”

Quote from: <http://www.codelord.net/2015/04/28/angularjs-whats-the-difference-between-factory-and-service/>

More info @ <https://docs.angularjs.org/guide/providers>

Great explanation here: <https://toddmotto.com/factory-versus-service> also

<http://www.codelord.net/2015/04/28/angularjs-whats-the-difference-between-factory-and-service/>

**How to create a factory**

Start of by creating an angular app if you haven’t already:

**var app = angular.module("app", [**

**]);**

And create the service definition like so:

**app.factory("factoryName", function($http) {**

**return {**

**}**

**});**

Similar to Services we can layout the factory, creating function and variable definitions and returning them. In here we will be adding a function to return a http request.

**app.factory("factoryName", function($http) {**

**var url = '/';**

**var factory = {};**

**factory.getSomething = function () {**

**return $http.get(url + 'getSomething')**

**};**

**return factory;**

**});**