

1. Goals

Implement a generic suite of API tests that we can use for any new API we need to expose.

2. Lesson Notes

We're starting from the already existing *Rolespecific* suite of API tests and we're going to start making that generic and applicable to other potential resources as well.

The Role specific client - *RoleSimpleApiClient* will be abstracted into *GenericSimpleApiClient*.

The Role specific API test - *RoleSimpleApiTest* will be abstracted into *GenericSimpleApiTest*.

Any new API, exposing a different resource, can now extend these and quickly leverage the solid client implementation and battery of tests to test out the base HTTP semantics of that new API.

For example, for the *Privilege* API (*/api/privileges*), we can simply implement:

```
PrivilegeSimpleApiClient extends GenericSimpleApiClient<Privilege> { ... }  
PrivilegeSimpleApiTest extends GenericSimpleApiTest<Privilege> { ... }
```

Finally - a quick note - this base API test is a good place to start, but for any new API, you definitely need to build out more tests that are specific to that particular API.

Note that there are a couple of longer coding sessions in this video that I wanted to keep in for reference. They're quite fast (faster than most other coding sessions in this course), so you can easily move past them and have a look at the final generic code in the codebase.

3. Resources

- HTTP Status Codes