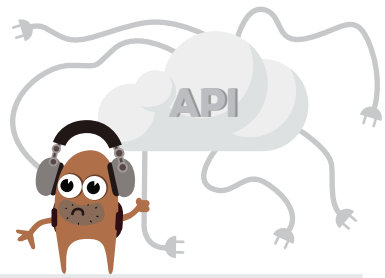# 30 DAYS API Testing

By Patrick Poulin, Mark Winteringham and Richard Bradshaw

- [ ] **1** Define what API testing is, share your definition on The Club.
- [ ] **2** How would you approach API Exploratory Testing?
- [ ] **3** Begin reading an API testing related book and share something you've learnt by day 30.
- [ ] **4** Share a resource on HTTP and how it works.
- [ ] **5** Contribute to the list of publicly available APIs over on The Club, that we can utilise to practice API testing.
- [ ] **6** Read and share an interesting blog post on API testing.
- [ ] **7** Complete exercise one over at The Club using popular API testing tools such as Postman, SoapUI, and API Fortress.
- [ ] **8** Explore the API thread on The Club and contribute to the conversations.
- [ ] **9** Share some tools we can use to discover what API calls our applications are making.
- [ ] **10** Share your favourite API testing tools and why.
- [ ] **11** Learn about different types of API's, share your findings.
- [ ] **12** Share what skills a team needs to succeed with API testing.
- [ ] **13** Contribute to the list of API automation tools over on The Club and share your experiences with using them.
- [ ] **14** Compare and contrast mocking, stubbing, and faking.
- [ ] **15** Find, use and share your thoughts on a new API testing tool.
- [ ] **16** Complete exercise two over at The Club using a framework in your prefered language, or a tool with automation capabilities.
- [ ] **17** Find 5 API testing experts to follow on Twitter.
- [ ] **18** Share an HTTP Header and explain its purpose.
- [ ] **19** Find and share a useful video about API testing.
- [ ] **20** Share all the tools, frameworks, and libraries currently used in your API testing along with why.
- [ ] **21** Complete exercise three over at The Club using your preferred tools.
- [ ] **22** Share your biggest frustration with API testing!
- [ ] **23** Status codes are often misused, share your favourite resources for understanding status codes.
- [ ] **24** Share the best API bug you've found.
- [ ] **25** Security is important in APIs, how are you security testing your APIs?
- [ ] **26** Demo some of your API testing to other members of your team.
- [ ] **27** What advice would you give to someone looking to get started with API testing?
- [ ] **28** Performance is key to a good API, how are you performance testing your APIs?
- [ ] **29** Browser developer tools have lots of API testing features, explore them and share your findings.
- [ ] **30** Complete exercise four over at The Club using your preferred tool, it's all about data iteration.
- [ ] **Bonus:** Sign up for a trial of API Fortress.