

# COMP3220 Laboratory Notes

## Lab 4: REST

This computer-based laboratory is designed to give you practical experience of inspecting and interacting with RESTful Web services.

Note that this lab will require some preparation on your part; you should investigate the Imgur documentation below, particularly with respect to those parts relevant to the exercises below.

### Tools

In order to complete this laboratory, you are advised to use a REST client to interact with the Web service rather than attempt to do by hand as in Lab 1 (which is possible, but not advisable). Suitable tools include:

**Postman** - <http://www.getpostman.com/>

Popular standalone REST client, available for Windows, OS X and Linux. Also available as a Chrome add-on

**RESTER** - <https://addons.mozilla.org/en-GB/firefox/addon/rester/>

Firefox REST client add-on, compatible with Firefox 57+

**RESTED** - <https://addons.mozilla.org/en-GB/firefox/addon/rested/>

Firefox REST client add-on, compatible with Firefox 57+

### Exercises

1. Sign up for an account on [imgur.com](http://imgur.com)
2. Register for an OAuth token, following the instructions at <https://apidocs.imgur.com/>
3. Create a new album
4. Create a new image
5. Add your new image to the album
6. Create a comment on the image
7. Delete the image

The EdShare URI for this lab is <http://edshare.soton.ac.uk/19101/>

### References

Imgur API documentation - <http://apidocs.imgur.com/>