**ONOS REST API Guide**

Stephen Blystone

Document Version 1.0

Last Updated: Apr 8, 2018

Table of Contents

[**Revision History** 3](#_Toc510953266)

[**ONOS Core REST API Documentation** 3](#_Toc510953267)

[**Calling REST API with Python** 3](#_Toc510953268)

# **Revision History**

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Changes** |
| 1.0 | 4/8/2018 | Initial Version |

# **ONOS Core REST API Documentation**

1. <https://wiki.onosproject.org/display/ONOS/Appendix+B%3A+REST+API>
2. After launching “onos-buck run onos-local”, go to the following webpage:

<http://localhost:8181/onos/v1/docs/>

1. From here you can look at the available API for the version of ONOS you have installed.
2. Expand an element to view additional information. You can even try it out and it shows the corresponding Curl command and URL, as well as the response body.

<http://localhost:8181/onos/v1/docs/#!/hosts/get_hosts>

Click  to see the response.

If the response is blank, try sending a ping in mininet and then trying it again. You should see information on hosts after a successful ping.