



INFOSNIFFER

Testing Document

Abstract

This test will outline tests for four Winsock 2 API calls and their integration with the GUI.

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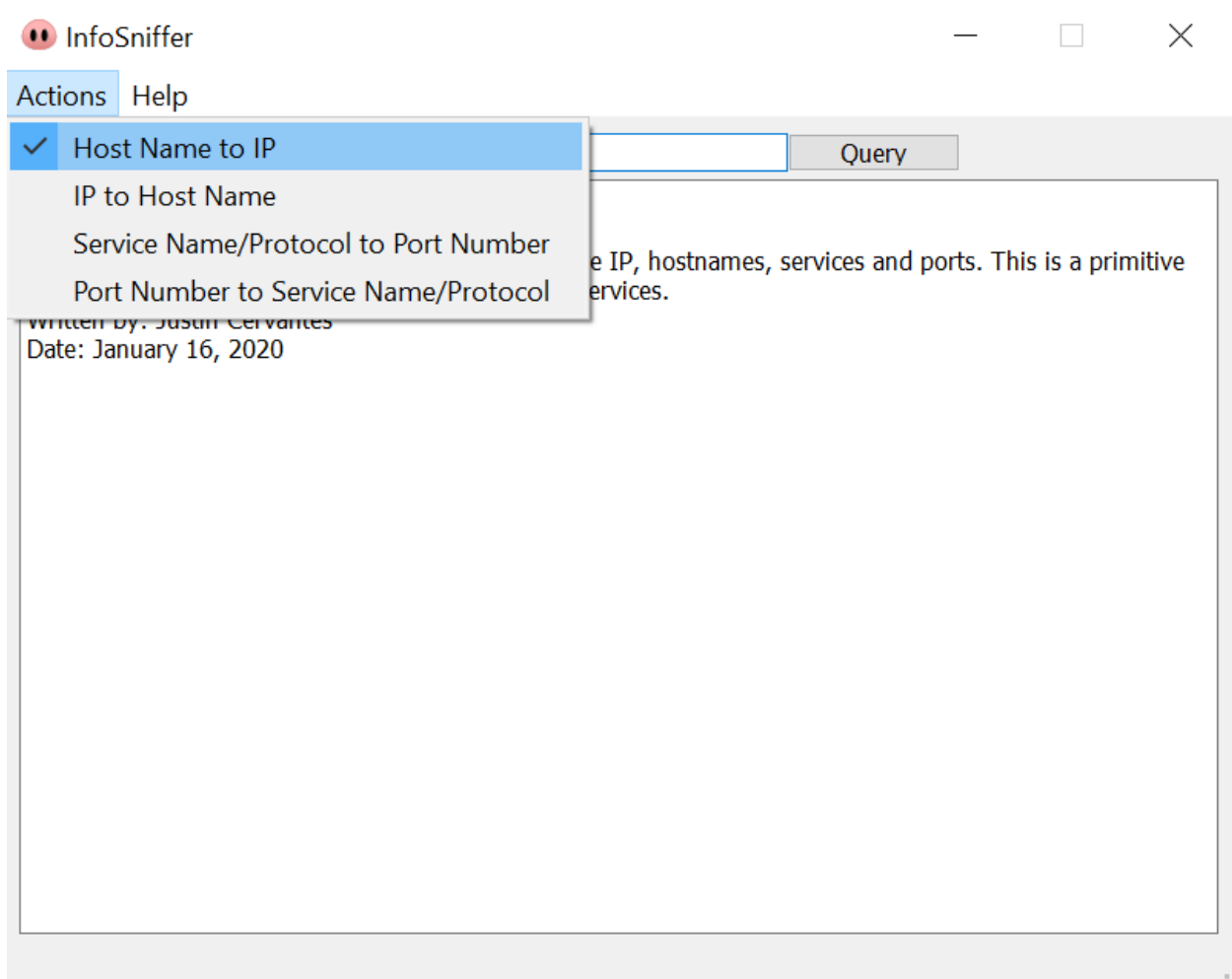
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Testing Outline

This document will test each of the following applications:

- Changing a host name to IP
- Changing an IP to a host name
- Getting a Port Number from Service Name and Protocol
- Getting a Service Name from a Port Number and Protocol
- Getting information from Help -> About
- Getting information from Help -> Usage

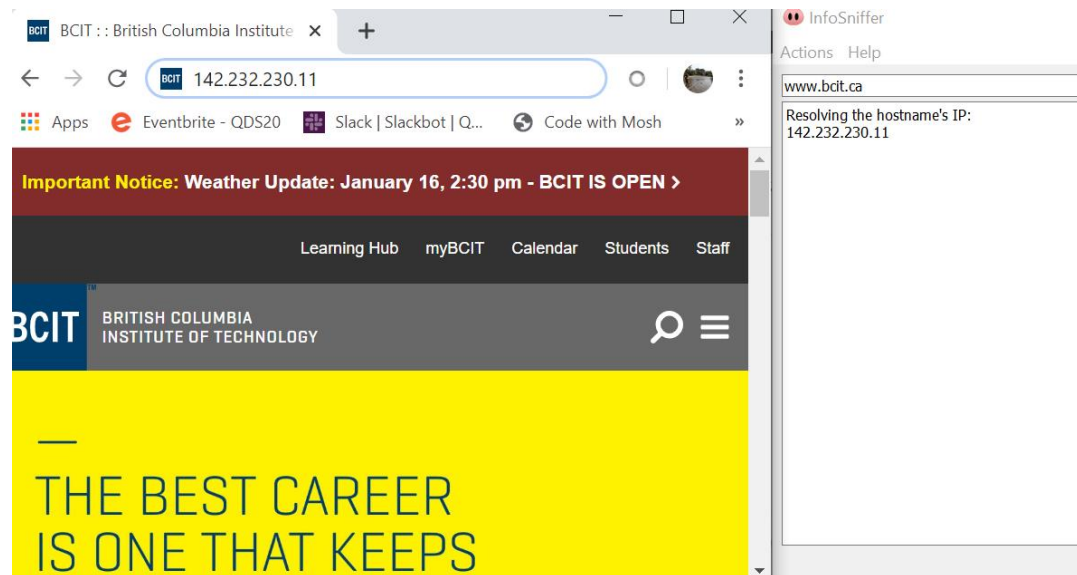


Changing a host name to IP

Test: Enter BCIT's domain (www.bcit.ca) and get its IP address.

Success criteria: Enter the IP address received back into a web browser and it should still navigate to BCIT's webpage.

Status: **Passed**

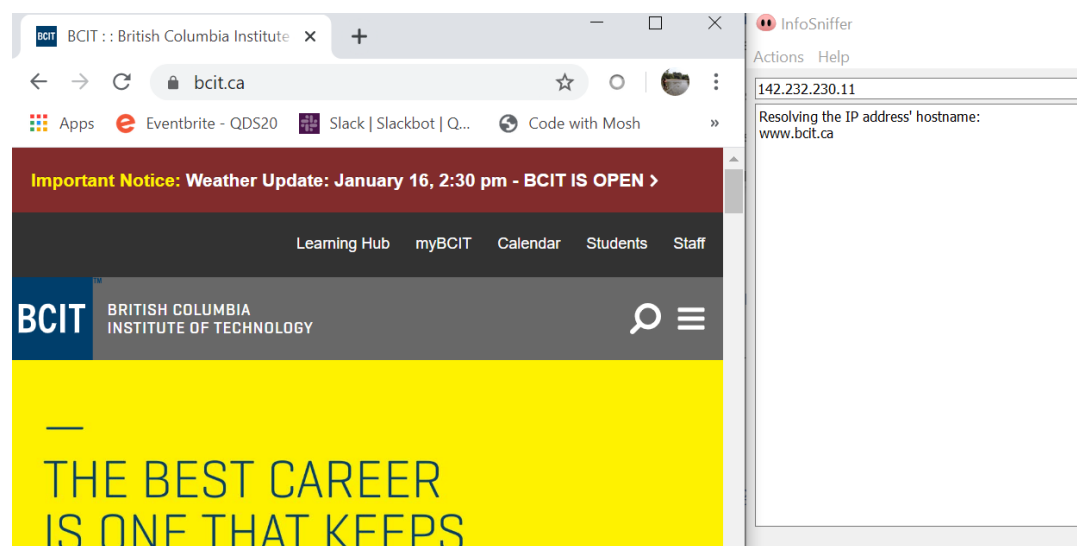


Changing an IP to a host name

Test: Enter in BCIT's IP address and get the www.bcit.ca domain name.

Success criteria: I must be able to enter either the IP or the host name and arrive at the same website.

Status: **Passed**

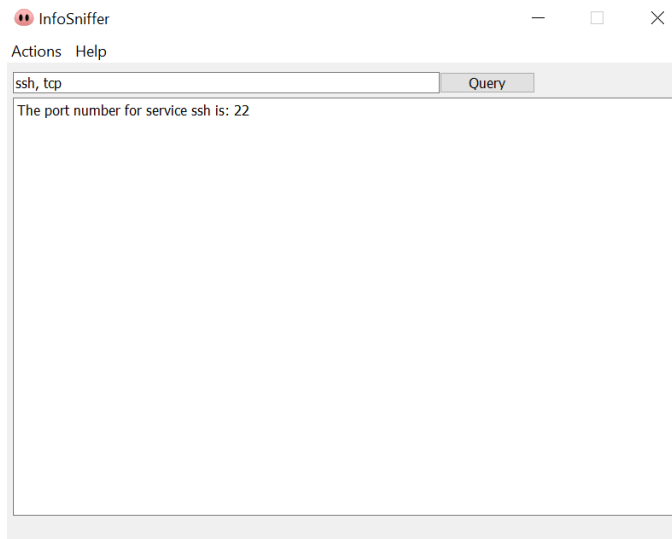


Getting a Port Number from Service Name and Protocol

Test: Enter in a known service and protocol and get the correct port

Success criteria: Entering 'ssh, tcp' should return 22

Status: **Passed**

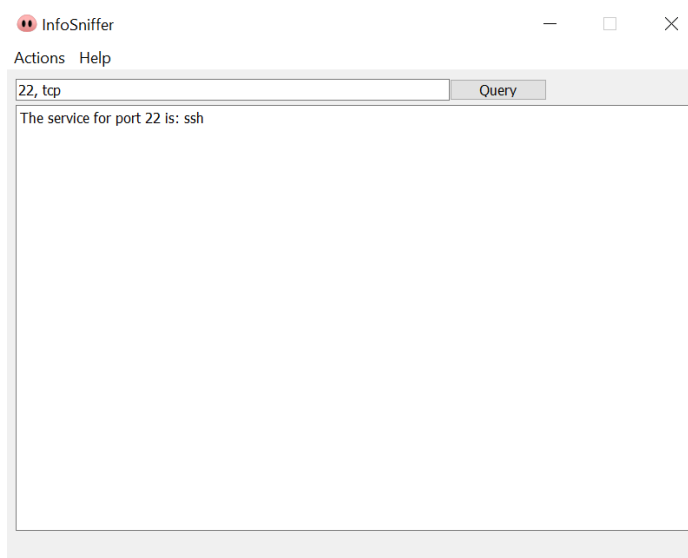


Getting a Service Name from a Port Number and Protocol

Test: Enter in a port number and a protocol and you should get the service name

Success criteria: Entering in '22, tcp' should return ssh

Status: **Passed**

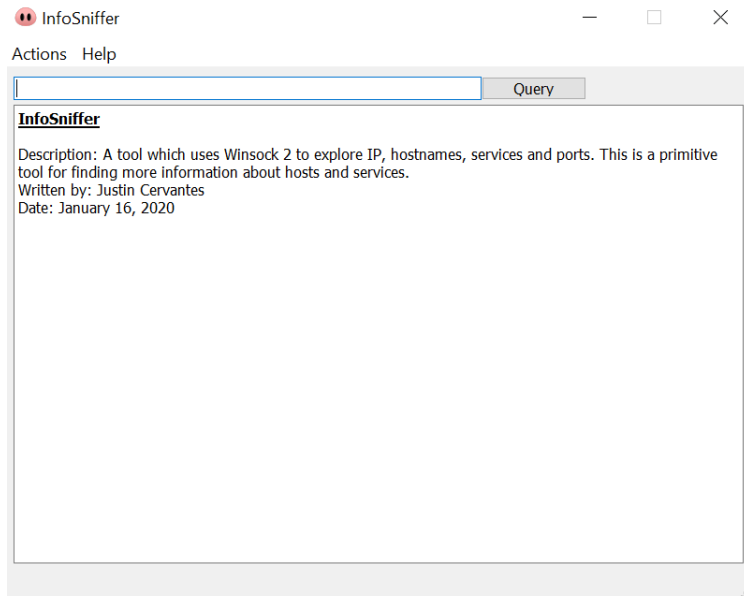


Getting information from Help -> About

Test: Clicking on the Help -> About menu item will show information about the application.

Success criteria: The GUI updates.

Status: **Passed**



Getting information from Help -> Usage

Test: Clicking on the Help -> Usage menu item will show information about the application usage.

Success criteria: The GUI updates.

Status: **Passed**

