Fundamentals of Data Management

Credit Tasks 1.2: Advanced Regular Expressions

Overview

As a first step, install the VMWare Player and open the Ubuntu environment provided on Canvas. Then work through the text processing tasks and document your answers to the questions.

Purpose

Learn how to use command-line tools to manipulate text without the need for an editor. Use regular expressions to search for different variations of text.

Task

Open the VM provided in a VMWare Player. Use command line tools and regular expressions to find strings in files.

Time

This task should be completed in your first lab class and submitted for feedback at the end of lab 1 or the beginning of lab 2.

Resources

- Online modules (from Canvas)

- Regular Expressions tutorial: http://www.regular-expressions.info/
- Free VMWare Player, available:

https://my.vmware.com/web/vmware/free#desktop_end_user_computing/vmware_player/7_0

- Video demonstration on Canvas (vm-intro.mp4)

Feedback

Discuss your solutions with the tutorial instructor.

Next

Get started on module 2.

Credit Tasks 2 — Submission Details and Assessment Criteria

Document your solutions to the tasks in a report using a word processor and upload to Doubfire as pdf. Your tutor will discuss the tasks with you have uploaded them.

Subtask 1.2.2

From the log file access.log, find out which browsers Linux users used to browse to the web sites.

What you are looking for is a string within quotation marks where the word Linux occurs somewhere between parenthesis which reside somewhere inside the quotation marks. Document the command and upload.