

Another L^AT_EX exercise: What is Shell Scripting?

Carlos

July 14, 2019

1 Introduction

In this pdf document created with L^AT_EX , we learn what shell scripting is and what it is used for at a basic level.

The text that you are about to read was extracted from the official Linux documentation in order to keep practicing typesetting with L^AT_EX .

2 Shell Scripting

A shell script is a quick-and-dirty method of prototyping a complex application. Getting even a limited subset of the functionality to work in a script is often a useful first stage in project development. In this way, the structure of the application can be tested and tinkered with, and the major pitfalls found before proceeding to the final coding *C*, *C++*, *Java*, *Perl* or *Python*.

Shell scripting harkens back to the classic UNIX philosophy of breaking complex projects into simpler subtasks, of chaining together components and utilities. Many consider this a better, or at least esthetically pleasing approach to problem solving than using one of the new generation of high-powered all-in-one languages, such as *Perl*, which attempt to be all things to all people, but at the cost of forcing you to alter your thinking processes to fit the tool.

This text was taken from <http://tldp.org/LDP/abs/html/why-shell.html>.