

- 2.1 – Detailed list of Linux modules that will be modified/affected
- 2.2 – Detailed list of any new modules that you will produce [or 'Not Applicable' if there are none]
- 2.3 – Class diagram showing affected modules [and any new modules] and how they related to one another
- 2.4 – List or table of explanations of all command line options that will be implemented

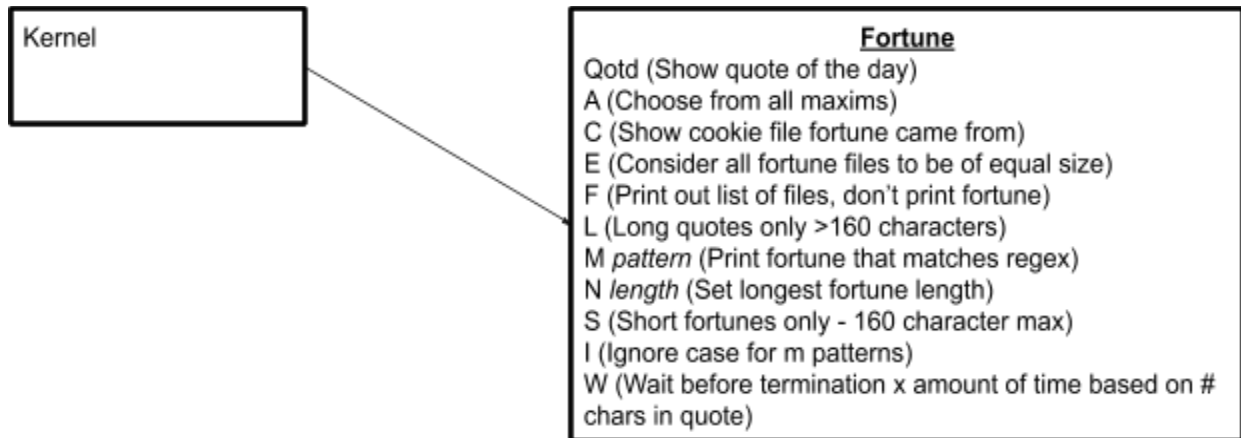
2.1

We will be modifying Fortune, the popular Linux command that displays a random motivational quote. We will add an option to display a designated quote of the day with the “qotd” command extension. Now, instead of user’s receiving a random fortune quote every time they run the command, with the “fortune qotd” modification users will see the same quote repeat through the day. Additionally, users can add an optional parameter to specify a particular date to see the quote of the day for the entered date. Quotes will update based off of PST.

2.2

Not applicable

2.3



2.4

The primary command line option that we will add is qotd which will output a quote based on the day of the year that it is

Command	Output
\$ qotd <i>date</i> ?	Prints quote for today. If date is provided,

	prints quote from the specific date.
-a	Print all maxims
-c	Show the cookie file from which the fortune came
-e	Consider all fortune files to be of equal size
-f	Print out the list of files which would be searched, but don't print a fortune
-i	Ignore case
-l	Long quotes only
-m <i>pattern</i>	Print all quotes that follow a certain pattern
-n <i>length</i>	Set the longest fortune length considered to be short — anything longer will be considered long.
-s	Short quotes only
-w	Wait before termination based on character length