

CLD Exercise 8: CSV File Commands Utility

Objective

Develop a VI that reads a provided comma separated variable (.csv) file data to and from a UI data structure. Use the provided cluster and the given application front panel (Figure 1). This VI will be used in a subsequent CLD exercise.

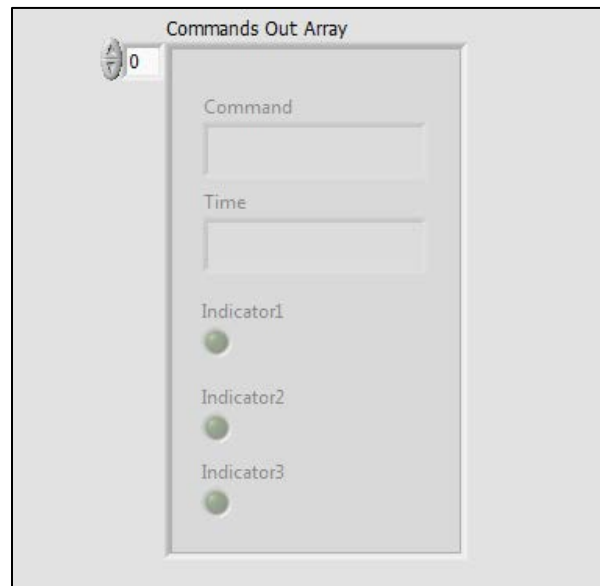


Figure 1. Application Front Panel

General Operation

This VI reads the CSV file and sequentially places the five data elements from each CSV row into one data cluster in an array.

VI File Structure

The rows contain, in order: a string Command, numeric Time, and three Boolean values.

Initialization

There are no initialization requirements.

Operation

VI Start

When started, the utility will take all the rows from a CSV file and place them into a cluster and build an array of these clusters.