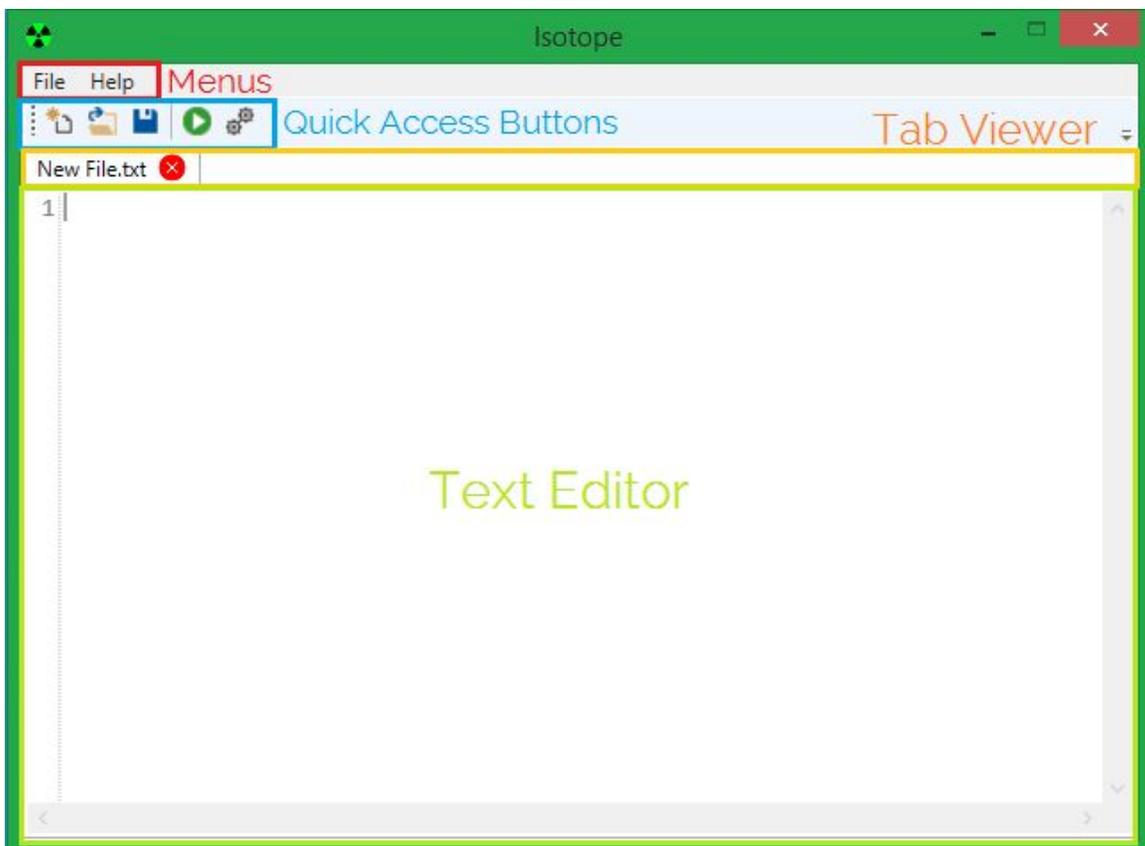


# Isotope Autonomous Editor Help Guide

## Background Info on Isotope

This application was written in WPF C# in order to make editing our autonomous scripts easier. The application uses text input from a user and exports it to a CSV file that the robot uses during autonomous. It uses adjustable command settings that can be manually set or batch imported from a JSON file. Yes it has Syntax Highlighting.

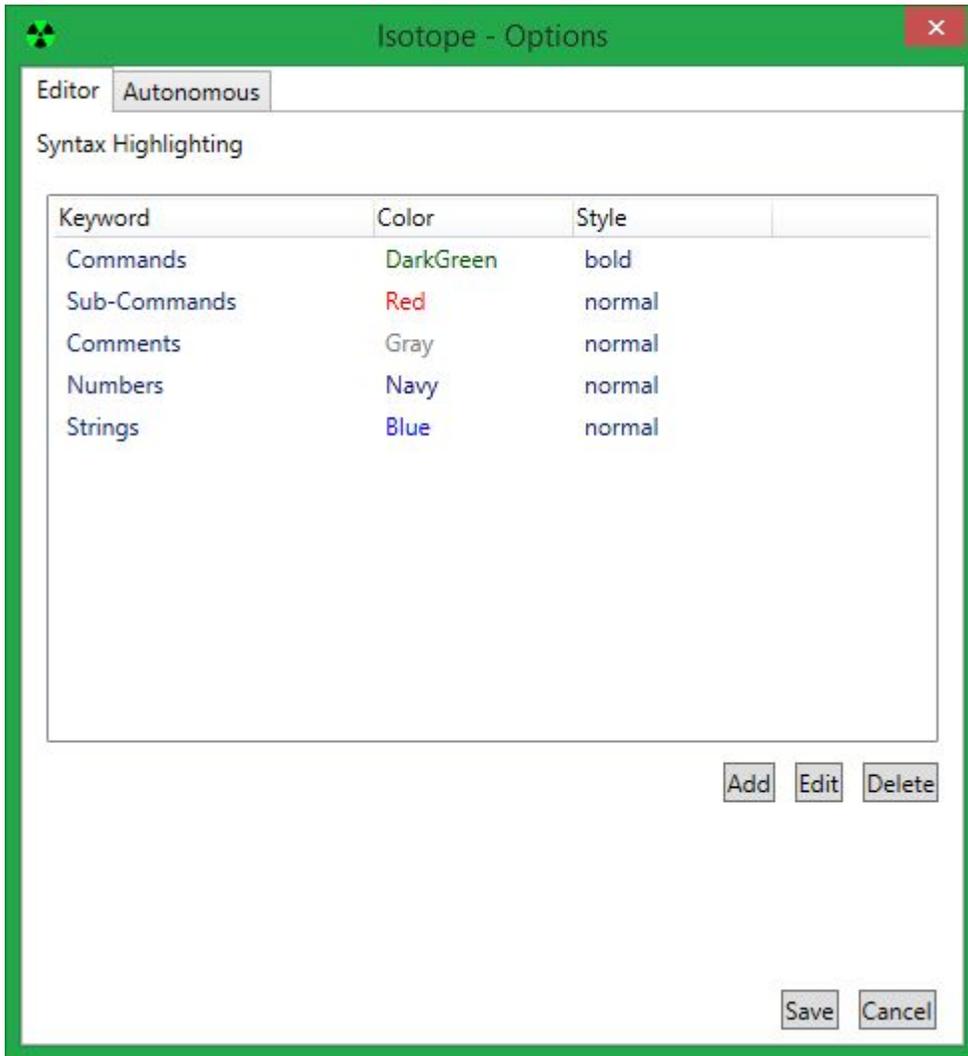
## The Main Screen



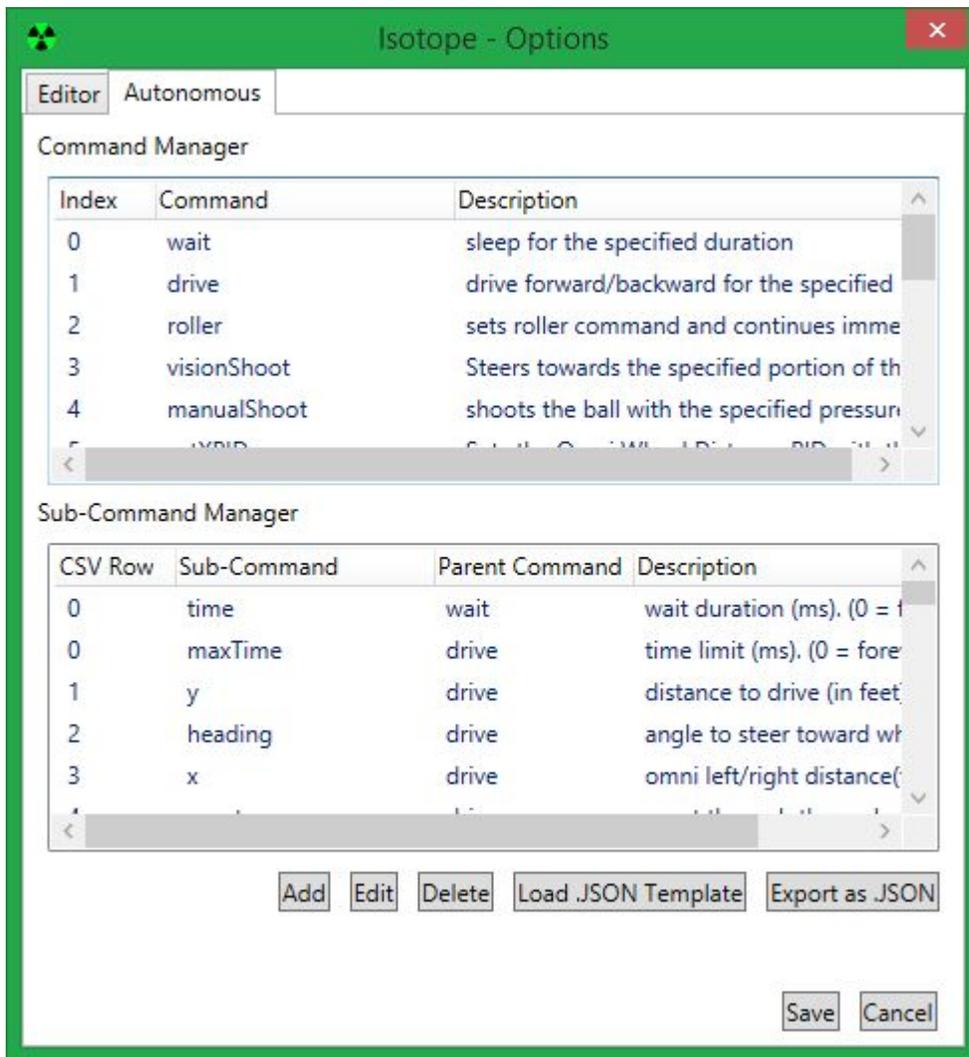
- Menus
  - The File Menu contains the standard "New", "Open" and "Save" features that are expected to come with a text editor, along with the "Options" and "CSV Export" features that are unique to this application
  - The Help Menu contains the Help section that may have led you here, as well as the About section.

- Quick Access Buttons
  - These buttons access similar features as the menu, but do not replicate the menu completely. These buttons are meant to represent commonly used features, that you may want to just access using a toolbar.
  
- Tab Viewer
  - The Tab Viewer allows the user to manage multiple open files at once. The current file stands out among the tabs, and is the file that only certain actions affect ("Save" for example).
  
- Text Editor
  - The Text editor is, well, where you edit text. As a bonus, you can drag and drop Text and CSV files on to the text editor for quick editing without using the Open dialog.

## The Options Menu



When the Options Window opens up, this is what appears first. This dialog lets you edit syntax highlighting and add your own key-words to be highlighted.



Under the autonomous tab you are able to view and edit your commands and sub commands.

It is highly recommended to edit most of these commands in a JSON file, as this interface can seem confusing. The appropriate JSON model is included in the same file as this document.

Also: If you edit your commands, it may not look updated. Just save, then reopen the options window and it should be updated.

## What the Error Messages Mean

- If the error occurred during a file input, common causes are:
  - The file is empty (CSV)
  - The file is open in another program
- If the error occurred during file export, common causes are:
  - The command set is not loaded properly or at all.
  - There is a syntax error