HItchhiker's Guide to the VMS

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1 Finding VMS elements in the Application

The VMS holds the structure of our application. The data is a tree like structure that determines how the application is rendered. This section aims to help you understand how the data in the VMS translates to how it is shown in the application.

1.1 Modules/Submodules/Groups/Group Variables

In the VMS Use the side bar to navigate down these paths:

Applications \to Modules \to Submodules \to Group \to Group Variables \to Variables Example:

Behave Plus \to Surface \to Fire Behavior (output) \to Surface Fire \to Heading Rate of Spread \to Heading Rate of Spread

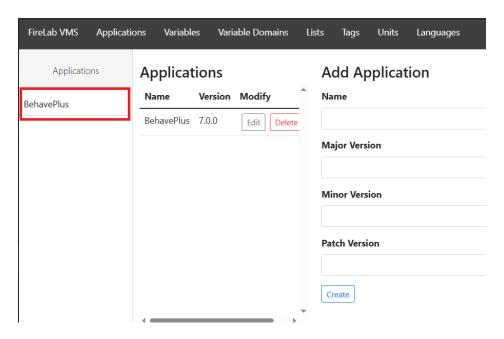


Figure 1: VMS: Home page

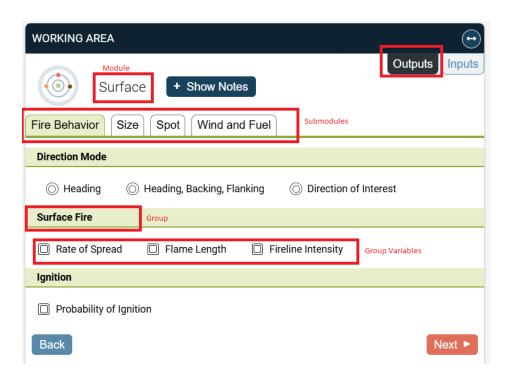


Figure 2: Application: Outputs page after a Surface Only workheet has been created.

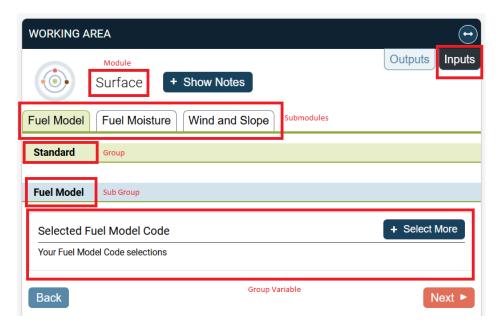


Figure 3: Application: Inputs page after a Surface Only workheet has been created. NOTE Groups can have sub groups.

1.2 Variables

The Variables can be associated with multiple group variables but group variables can only be associated to a single variable. The Variable entity will hold information about Domains/Dimension/units

1.2.1 Variable Entities

1. Navigate to the "Variables" tab

1.2.2 Variable Associated with a Group Variable

- 1. Navigate to the Application \rightarrow Module \rightarrow Group page
- 2. "Expand" the "Variables" accordion
- 3. Find the variable you are interested in and click "Edit". This will take you to the "Variables" page and populate the form with the variable's info.

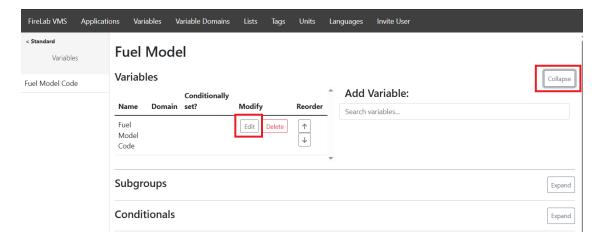


Figure 4: VMS: Finding the variable associated with a group variable

1.3 List and List Options

Certain Group Variables have a list associated with it (usually inputs). In the application lists show up as either radio selections or drop down selections.

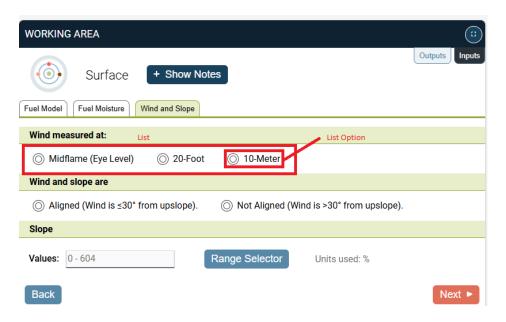


Figure 5: Application: List options as radio selections.

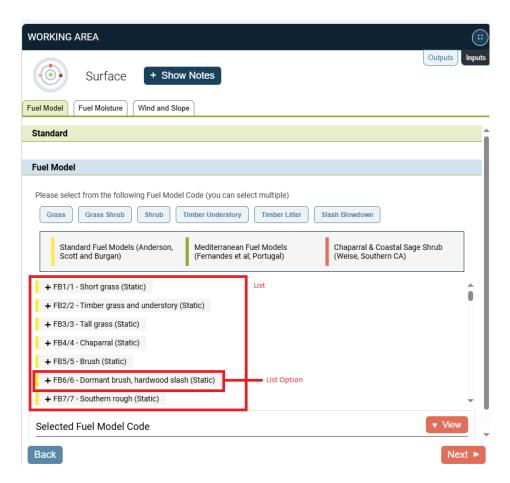


Figure 6: Application: List options as multi select dropdown.

In the VMS you can find the list associated to a group variable by:

- 1. Navigating to the Module \rightarrow Submodule \rightarrow Group
- 2. Click "Expand" on the "Variables" accordioin. Then click "Edit" on the Variable listed. This will Navigate you to the "Variables" page and populate the form with the variable's information.

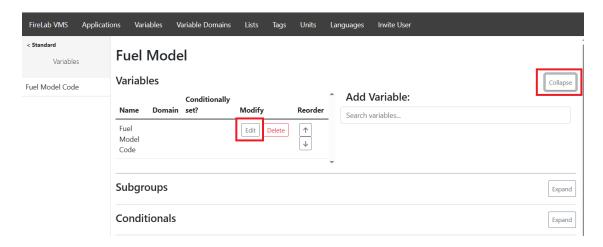


Figure 7: VMS: Group page

1. Look for the "List" field and note the list selected.

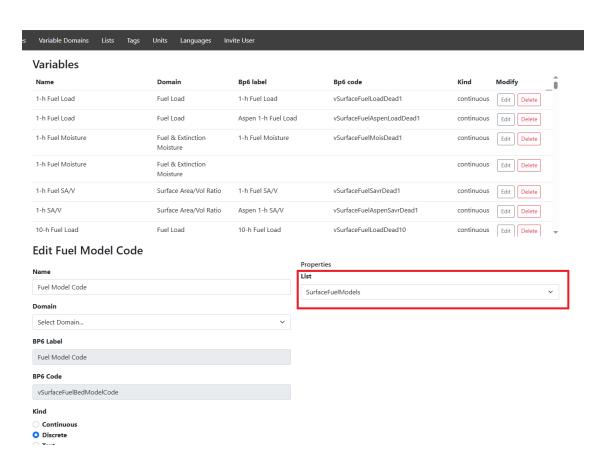


Figure 8: VMS: Variables page

1. Navigate to the "List" tab and scroll down or (Ctrl +f) to find the list mentioned above.

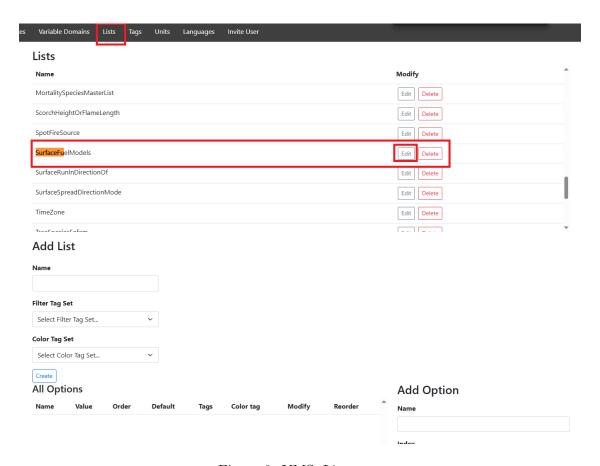


Figure 9: VMS: List page

1. Click "Edit". This will populate the form at the bottom of the page.

1.4 Filter and Color Tags

1.4.1 Filter and Color Tags Entities

Filter and Color tags in the application can be found in input group variables that allow users to select multiple inputs.

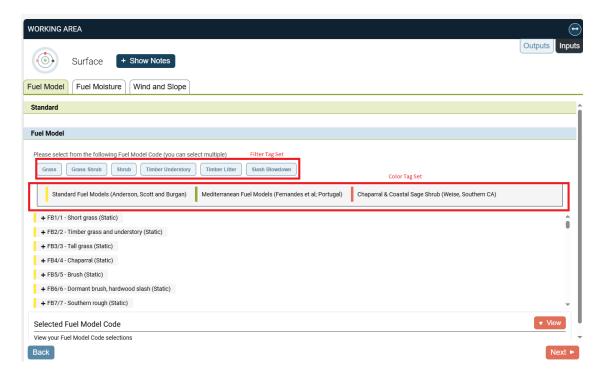


Figure 10: Application: Filter Tag and Color Tag example.

You can find existing tags in the VMS by:

1. Navigate to the "Tags" tab

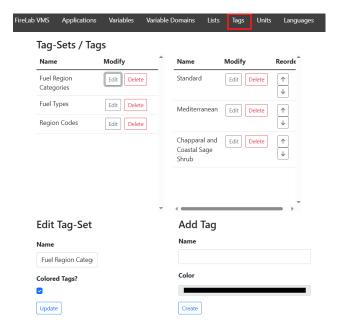


Figure 11: VMS: Tags page

1.4.2 Filter and Color Tags associated with a Group Variable

You can find the tag sets associated with a group variable by:

- 1. Find the list associated to the group variable, see List and List Options section.
- 2. Click "Edit" on the list
- 3. Once the form on the list page has been populated you can find the associated tag sets.

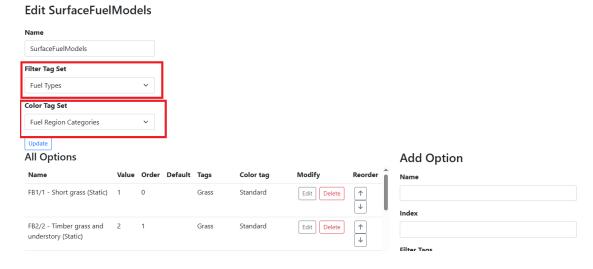


Figure 12: VMS: List page

1.5 Variable Domains

The Variable Domain entities is used primarly to associate a group of variables to some default units and decimal precision. Domain entities are grouped into Domain sets, primarly used for creating collapsing accordions in the application.

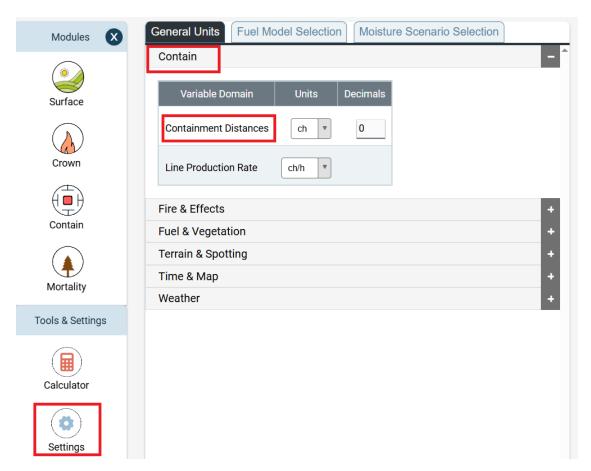


Figure 13: Application: Custom Unit Preferences table.

- 1. Navigate to the "Variable Domains" tab
- 2. Click "Edit" on the "Domain Set". This will populate the form on the right with a list of domains that belong to this set.

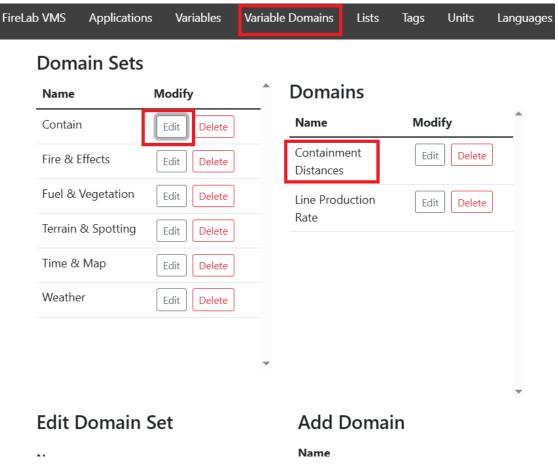


Figure 14: VMS: Variable Domains.

2 Updating Text

Most texts for entities displayed in the application can be updated by changing the translation field for that entity. These entities will have 2 translation fields. One field is used in the worksheet wizard (pages before computation) and the second is used for the results page. Usually the result translations are a short form of the worksheet translations. Here are some of the common entities you might want to update. The application will default to the worksheet translation if a result translation is not present.

2.1 Submodule/Group/Group-Variables

- 1. For these entities navigate to the entity page, see Modules/Submodules/Groups/Group Variables section.
- 2. Update the "Translation" field.

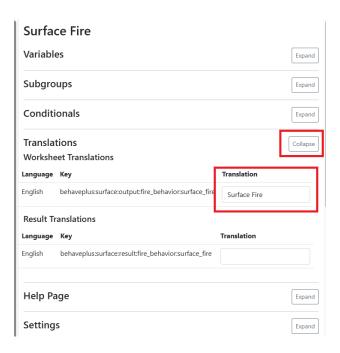


Figure 15: VMS: Group page after navigating BehavePlus \rightarrow Surface \rightarrow Fire Behavior(output) \rightarrow Surface Fire

2.2 List Options

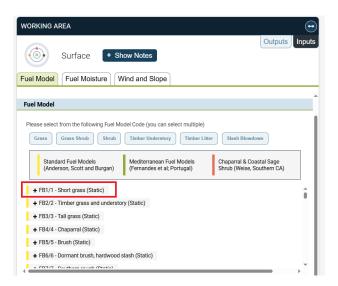


Figure 16: Application: Worksheet translations appear in the wizard.

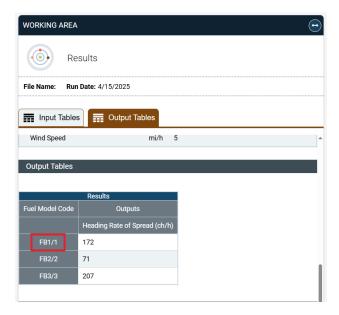


Figure 17: Application: Result translations appear in the results matrices and tables.

- 1. Find the list associated to the group variable, see List and List Options section.
- 2. Click "Edit" on the list.
- 3. Find the list option you are interested in updating and click "Edit".
- 4. Update the "Translation" field and the "Name" field.
- 5. Navigate to the list associated with the group variable. see List and List Options

6. Click "Edit" on the list option you want to update.

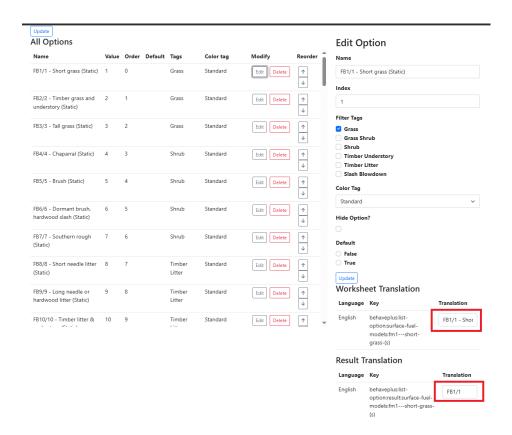


Figure 18: VMS: List Page

2.3 Tags

- 1. Navigate to the tag set associated with your group variable of interest. See Filter and Color Tags associated with a Group Variable
- 2. Click "Edit" on the tag set. This will populate the table on the right.
- 3. Click "Edit" on the tag option you'd like to update.
- 4. Update the "Translation" field and the "Name" field.

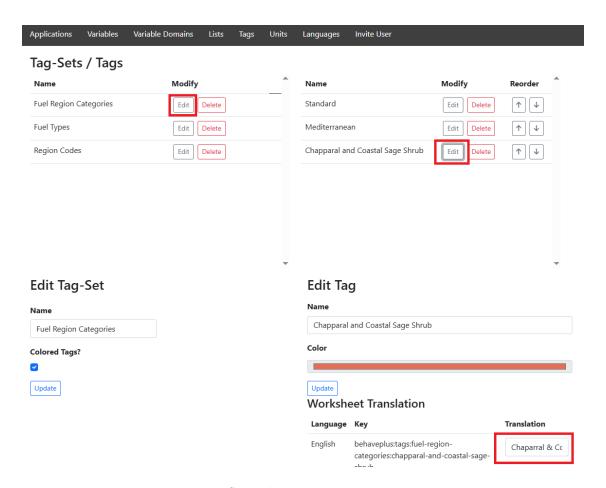


Figure 19: VMS: Updating translations on tags page.

- 3 Updating Default Custom Unit Preferences
- 4 Re-Ordering