**How it Works?**

If you choose design file option, then click upload:

* Click upload
* Choose file with any extension
* The tool searches input code to get `ifdefs
* The tool saves all identifiers that comes after `ifdefs and puts them in defines dictionary.
* The tool searches for `defines and modify the defines dictionary with 1 for all defined identifiers.
* The tool shows all `ifdef identifiers with check buttons on the window
* If there are nothing to show, the tool says “no defines found”

If you click save:

* + - The tool saves the defines values from the user and updates the defines dictionary
    - The tool opens the input file and modifies defines only.

If you click arrow to show parameters:

* + The tool modifies parsers to ignore undefined sections (`ifdef “not defined identifier”)
  + The tool parses the input file to get any parameter declaration
  + The tool shows all parameters on the window
  + If there are nothing to show, the tool says “There are no parameters”

If you click save:

* + - The tool saves the defines values from the user and updates the defines dictionary.
    - The tool saves the parameters values from the user and updates the parameters dictionary.
    - The tool opens the input file and modifies it.

If you choose test file option, then click upload:

* Click upload
* Choose file with any extension
* The tool searches input code to get `ifdefs
* The tool saves all identifiers that comes after `ifdefs and puts them in defines dictionary.
* The tool searches for `defines and modify the defines dictionary with 1 for all defined identifiers.
* The tool shows all `ifdef identifiers with check buttons on the window
* If there are nothing to show, the tool says “no defines found”

If you click save:

* + - The tool saves the defines values from the user and updates the defines dictionary
    - The tool opens the input file and modifies defines only.

If you click arrow to show parameters:

* + The tool modifies parsers to ignore undefined sections (`ifdef “not defined identifier”)
  + The tool parses the input file to get any parameter declaration
  + The tool parses the input file to get **one** module instance
  + The tool saves the module name and module parameter names
  + The tool shows “module: “module name
  + The tool parser the included file (with extension “.v”)
  + The tool shows module parameters names (from the input file and the included file) on the window
  + If there are nothing to show, the tool says “There are no parameters”

If you click save:

* + - The tool saves the defines values from the user and updates the defines dictionary.
    - The tool saves the parameters values from the user and updates the parameters dictionary.
    - The tool opens the input file and modifies it.