ESP
Error Messages

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SYNOPSYS®

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CMD Error Messages

messages

NAME

CMD-001 (error) Cannot specify '%s' with '%s'.

DESCRIPTION

The listed command options are exclusive. Only one of them can be specified.

WHAT NEXT

Look at the manpage for this command for more information on command options.

messages

NAME

CMD-002 (error) Value for '%s' cannot be negative

DESCRIPTION

The value for this option must be greater than or equal to zero.

WHAT NEXT

Enter the command again with a valid option value.

messages

NAME

CMD-003 (error) Cannot specify %s without %s.

DESCRIPTION

One command option requires another.

WHAT NEXT

Refer to the manual page for this command for detailed information on valid options.

---

messages

NAME

CMD-004 (error) Must specify one of these options: %s.

DESCRIPTION

This command requires that one of the options in the list is specified.

WHAT NEXT

Refer to the manual page for this command for detailed information on valid options.

---

messages

NAME

CMD-005 (error) unknown command '%s'

DESCRIPTION

The command is not recognized.

WHAT NEXT

Look for a typographical error in the command. If it is correct, make sure that the program you are running supports the command, or you have the license to use the command.

messages

NAME

CMD-006 (error) ambiguous command '%s' matched %d commands:\n\t(%s)

DESCRIPTION

The command does not have sufficient characters to distinguish it from other commands. The first three commands which match the abbreviation are listed. To see them all, use the help as follows: if the abbreviation is cmd, type 'help cmd*'. This lists all commands that begin with 'cmd'.

WHAT NEXT

Type enough characters so the command is unambiguous.

messages

NAME

CMD-007 (error) Required argument '%s' was not found

DESCRIPTION

The listed argument to the command might not be omitted.

WHAT NEXT

Supply the required argument.

messages

NAME

CMD-008 (error) value not specified for option '%s'

DESCRIPTION

The listed argument requires a value (that is, it is not a boolean option), and none were supplied.

WHAT NEXT

Supply a value for the argument.

---

messages

NAME

CMD-009 (error) value '%s' for option '%s' not of type '%s'

DESCRIPTION

The value given for the listed argument is not the correct type. For example, if 'abc' is given for an integer option, this error occurs.

WHAT NEXT

Supply a compatible value for the argument.

---

messages

NAME

CMD-010 (error) unknown option '%s'

DESCRIPTION

The option is not recognized.

WHAT NEXT

If this is not a simple mistake, retype the command with by the -help option. This lists all of the possible options.

---

messages

NAME

CMD-011 (error) ambiguous option '%s'

DESCRIPTION

The option does not have sufficient characters to distinguish it from other options.

WHAT NEXT

Type enough characters so that the option is unambiguous.

---

messages

NAME

CMD-012 (error) extra positional option '%s'

DESCRIPTION

The command expects some positional arguments and has already received enough. It might also be the case that this was intended as a dash option and is misspelled.

WHAT NEXT

Verify that the option given is not a misspelled dash option. If a list is provided directly instead of as a variable, ensure it is enclosed by curly braces or double quotation marks. Use -help with the command to verify which arguments are already given.

---

messages

NAME

CMD-013 (error) %s\n\tUse error_info for more info.

DESCRIPTION

A script or complex command failed and there is a stack trace for the failure. The trace points out the source files and loops where the error occurred. The error_info command is used to display this stack.

WHAT NEXT

Fix the error indicated by error_info.

---

messages

NAME

CMD-014 (error) Invalid %s value '%s' in list.

DESCRIPTION

A list argument is expected to be a common type (like integer or float) and one or more elements cannot be converted to that format.

WHAT NEXT

Fix the offending list element.

---

messages

NAME

CMD-015 (error) could not open %s file "%s"

DESCRIPTION

A script or an output redirect file cannot be opened.

WHAT NEXT

Verify that the file exists or that you have write access to the directory. Write access depends on the file type.

---

messages

NAME

CMD-016 (error) could not close %s file "%s"

DESCRIPTION

A script or an output redirect file cannot be closed.

WHAT NEXT

messages

NAME

CMD-017 (warning) duplicate option '%s' ignored.

DESCRIPTION

The given option is already issued. This command uses the first value of the option, and subsequent values are ignored.

WHAT NEXT

Make sure this is the option you want to use. If so, decide which value you want and verify that you get the correct one.

messages

NAME

CMD-018 (warning) duplicate option '%s' overrides previous value.

DESCRIPTION

The given option has already been issued. This command uses the last value of the option, and previous values are ignored.

WHAT NEXT

Make sure that this is the option you want to use. If so, decide which value you want and make sure that you get the correct one.

messages

NAME

CMD-019 (error) value '%s' for option '%s' not in range (%s).

DESCRIPTION

The value given for the listed argument is not in the allowable range. For example, if 4 is given for an integer option, which has a range of 1 to 3, this error occurs.

WHAT NEXT

Supply a compatible value for the argument.

---

messages

NAME

CMD-020 (error) unknown OR extra positional option '%s'

DESCRIPTION

The dash option is not recognized. Further, all positional arguments have already been received. This is most likely a misspelled dash option.

WHAT NEXT

Check to see if the option is misspelled. Look at the entire command, as other options may have misled the interpreter.

---

messages

NAME

CMD-021 (warning) invoked %s outside of a loop

DESCRIPTION

The listed control command (break or continue) was used outside of the context of control structure (such as foreach, while, and so on).

WHAT NEXT

Look for a loop that ends prematurely or for a misspelled control word.

---

messages

NAME

CMD-022 (warning) Can't create alias named '%s' - %s%s.

DESCRIPTION

An attempt was create an alias with an invalid name. Invalid names include those which match an existing command or procedure, and those which can be converted to a decimal, hexadecimal, or octal number.

WHAT NEXT

Choose another name. Use 'help' and 'alias' (with no arguments) to see what names are in use.

---

messages

NAME

CMD-023 (error) Alias loop: %s

DESCRIPTION

You have aliases that refer to one another.

WHAT NEXT

Use the alias command to look at the aliases listed in the diagnostic. Remove the loop and re-execute the command.

---

messages

NAME

CMD-024 (error) can't %s "%s": %s

DESCRIPTION

You attempted an operation on a variable which failed. You may have tried to read a non-existent variable (set var). Or, you may have tried to unset a non-existent or application-owned variable. The text of the message will indicate which operation failed.

WHAT NEXT

Verify that the variable exists with the printvar command. If it's not a user variable, you cannot remove

(unset) it.

---

messages

NAME

CMD-025 (error) No manual entry for '%s'

DESCRIPTION

The topic for which you requested man pages does not exist.

WHAT NEXT

Verify that the topic is spelled correctly.

---

messages

NAME

CMD-026 (error) %s required for the '%s' argument.

DESCRIPTION

The command is incomplete as entered. The specified argument requires a valid object or list of objects.

WHAT NEXT

Enter the command with valid values for all arguments.

---

messages

NAME

CMD-027 (error) couldn't change working directory to '%s'

DESCRIPTION

The directory which you specified to the cd command is not valid.

WHAT NEXT

Verify that the directory is spelled correctly.

---

messages

NAME

CMD-028 (error) couldn't get working directory name

DESCRIPTION

The pwd command was unable to access the current directory. It is most likely the case that the directory which you are in no longer exists,

WHAT NEXT

Use the cd command to get into an existing directory.

---

messages

NAME

CMD-029 (warning) no aliases matched '%s'

DESCRIPTION

You specified a pattern to the unalias command, and there are no aliases which match that pattern.

WHAT NEXT

There is no adverse effect of this action. However, check the spelling of the arguments to unalias to ensure that you removed all of the aliases which you wanted to remove.

---

messages

NAME

CMD-030 (warning) File '%s' was not found in search path.

DESCRIPTION

The 'which' command evaluated an filename argument and the file was not found.

WHAT NEXT

No adverse effect on the result of the command, but check spelling, etc.

---

messages

NAME

CMD-031 (error) value '%s' for option '%s' is not valid. Specify one of:\n\t%s

DESCRIPTION

The value given for the listed argument is not one of the limited allowable strings. This messages lists all of the appropriate values.

WHAT NEXT

Supply a compatible value for the argument.

---

messages

NAME

CMD-032 (warning) command '%s' requires some options.

DESCRIPTION

No options were given for the command, yet some are required.

WHAT NEXT

Supply appropriate arguments.

---

messages

NAME

CMD-033 (error) cannot source the current log file.

DESCRIPTION

An attempt to source the log file of the currently running interpreter is not allowed. It would cause the tool to infinitely loop.

WHAT NEXT

Copy the part of the log to be a source for another file, then source that file instead.

---

messages

NAME

CMD-035 (error) Value for %s cannot be larger than the %s value.

DESCRIPTION

Some commands work in pairs, specifying a maximum and minimum value. The minimum value should be less than the maximum value. For example, never specify a **min_capacitance** which is larger than the **max_capacitance** for the same design or port.

WHAT NEXT

Remove the old value or use a different value.

---

messages

NAME

CMD-036 (error) Value for list '%s' must have %s elements.

DESCRIPTION

The value given for the list argument does not have the correct number of elements. Some commands have list arguments which require either a specific number or an even number of elements. The message will indicate which it is.

WHAT NEXT

Supply a correct number of elements in the list. If the list is provided directly instead of as a variable, ensure it is enclosed by curly races or double quotation marks.

---

messages

NAME

CMD-037 (error) value '%s' for option '%s' is invalid: must be %s.

DESCRIPTION

The value given for the listed argument is greater than or less than the allowable limit. For example, if 4 is given for an integer option, which is required to be less than or equal to 3, this error occurs.

WHAT NEXT

Supply a compatible value for the argument.

---

messages

NAME

CMD-038 (information) The '%s' option for %s is unsupported.%s

DESCRIPTION

The option which you specified is not currently supported.

WHAT NEXT

---

messages

NAME

CMD-039 (information) The '%s' variable is unsupported.%s

DESCRIPTION

The variable which you specified is not supported.

WHAT NEXT

If a replacement variable is specified, use it instead of this one.

---

messages

NAME

CMD-040 (information) No %s matched '%s'.

DESCRIPTION

In command or variable search functions (help and printvar), you specified a pattern that did not match any variables or commands.

Note that printvar cannot find a specific array element; it can only find the entire array by name.

WHAT NEXT

Try using more wildcards (* or ?) in your search pattern.

---

messages

NAME

CMD-041 (information) Defining new variable '%s'.

DESCRIPTION

This message is issued when a variable is set for the first time.

When combined with the **printvar** command, this message can be used to isolate spelling errors in system (application) variables. However, like many debugging features, this has significant CPU cost. Therefore, the feature should only be used interactively or when developing scripts.

This feature is enabled by setting the **sh_new_variable_message** variable to true. When combined with a true value for variables **sh_new_variable_message_in_script** or **sh_new_variable_message_in_proc**, this setting causes a warning message (CMD-042) to be issued, which indicates that the performance of scripts (or Tcl procedures) will be adversely affected. To enable the feature in Tcl procedures, set the **sh_new_variable_message_in_proc** variable to true. To enable the feature in Tcl scripts, set the **sh_new_variable_message_in_script** variable to true.

In the following example, the user has misspelled the variable **sh_continue_on_error** by making it plural. With this feature, debugging is simplified.

```
prompt> set sh_continue_on_errors true

Information: Defining new variable 'sh_continue_on_errors' (CMD-041 )

true

prompt> printvar sh*

sh_arch                = "sparcOS5"

sh_continue_on_error = "false"

sh_continue_on_errors = "true"

sh_enable_page_mode      = "false"

sh_new_variable_message = "true"

sh_new_variable_message_in_proc = "false"

sh_product_version       = ""

sh_source_uses_search_path = "false"

prompt> unset sh_continue_on_errors

prompt> set sh_continue_on_error true

true



Application variables are always defined, so if this message appears,

a new user-defined variable has been created.
```

WHAT NEXT

If attempting to set an application variable, use **printvar** with
wildcards to get the correct spelling for the variable.

SEE ALSO

printvar , **sh_new_variable_message** , **sh_new_variable_message_in_proc** ,
sh_new_variable_message_in_script , **CMD-042** .

messages

NAME

CMD-042 (warning) Enabled new variable message tracing -\n\tTcl scripting optimization disabled.

DESCRIPTION

This message is issued when you enable new variable tracing for Tcl scripts or procedures. That occurs when you set the variable **sh_new_variable_message** to TRUE, and when you set the variables **sh_new_variable_message_in_proc** or **sh_new_variable_message_in_script** to TRUE. It warns you that the performance of the application will be negatively mpacted because this feature is costly in CPU time when enabled.

This feature is intended for debugging, and should only be used interactively or when developing scripts. It should not be used in a main flow.

WHAT NEXT

Set one or more of the variables to FALSE unless you are debugging a script.

SEE ALSO

[sh_new_variable_message](#) , [sh_new_variable_message_in_proc](#) , [sh_new_variable_message_in_script](#) .

---

messages

NAME

CMD-050 (error) Unknown procedure '%s'.

DESCRIPTION

The procedure name argument to **define_proc_attributes** is not a procedure.

WHAT NEXT

Verify that the argument is correct.

---

messages

NAME

CMD-051 (error) Procedure '%s' cannot be modified.

DESCRIPTION

The procedure that you passed to **define_proc_attributes** is a permanent procedure that cannot be modified.

WHAT NEXT

The procedure might be part of the application, in which case it was correctly defined with *-permanent*. If it is not part of the application, it is possible that it was erroneously defined with *-permanent*.

---

messages

NAME

CMD-052 (error) Unknown command group '%s'

DESCRIPTION

The command group referenced does not exist. For example, using the *-command_group* option with the **define_proc_attributes** command, and passing in a non-existent command group will raise this error.

WHAT NEXT

Verify that the correct command group name is being used.

---

messages

NAME

CMD-053 (warning) The body of procedure '%s' is protected

DESCRIPTION

You attempted to examine the body of a procedure using **info body**. That procedure was protected by the writer so that it's body cannot be displayed.

WHAT NEXT

No action required.

---

messages

NAME

CMD-060 (error) Syntax error in argument definition %d for proc '%s'.

DESCRIPTION

Using the *-define_args* option for **define_proc_attributes**, there is some kind of syntax error, for example, an improperly formatted list.

WHAT NEXT

Use **error_info** to narrow the problem, then reenter the command.

messages

NAME

CMD-061 (error) Need at least 2 fields in argument definition %d for proc '%s'.

DESCRIPTION

Using the *-define_args* option for **define_proc_attributes**, an argument definition had insufficient arguments. At least 2 are required: the argument name and the option help text.

WHAT NEXT

Reenter the argument definition with the correct number of fields.

messages

NAME

CMD-062 (error) Unknown %s '%s' in argument definition %d (%s) for proc '%s'.

DESCRIPTION

Using the *-define_args* option for **define_proc_attributes**, either a data type or attribute is invalid.

The allowable data types are string, boolean, int, float, and list. The allowable attributes are required and optional.

WHAT NEXT

Correct the invalid data and reenter the command.

---

messages

NAME

CMD-063 (error) Illegal name '%s' for Boolean argument definition %d for\n\t proc '%s': must begin with '-'.

DESCRIPTION

Using the *-define_args* option for **define_proc_attributes**, you attempted to create a Boolean argument with a name not preceded by a '-'. Boolean arguments require a leading '-'.

WHAT NEXT

Correct the argument name and reenter the command.

---

messages

NAME

CMD-064 (warning) Value help ignored for Boolean option %s\n\tin argument definition %d for proc '%s'.

DESCRIPTION

Using the *-define_args* option for **define_proc_attributes**, you tried to add value help for a Boolean argument. Boolean arguments cannot have the value help.

WHAT NEXT

Remove the value help field for boolean arguments and reenter the command.

---

messages

NAME

CMD-065 (error) Can't specify both 'optional' and 'required' in argument\n\tdefinition %d (%s) for procedure '%s'

DESCRIPTION

This message indicates an attempt to specify conflicting flag values as part of the definition of a procedure argument within the **define_proc_attributes** command.

WHAT NEXT

Decide whether the argument is optional or required, and remove the opposite flag.

messages

NAME

CMD-066 (error) Must specify a value for attribute 'values' when using '%s'\noption type as in option %d (%s) for procedure '%s'

DESCRIPTION

This message is issued by the **define_proc_attributes** command when you attempt to define an argument whose value must be one of a set of pre-defined strings (the one_of_string data type), without specifying the set of valid strings.

WHAT NEXT

If the value type really needs to be one_of_string, pass the values in as a list within the attributes list (i.e. {values {a b c}}).

messages

NAME

CMD-067 (error) Invalid attribute specification for attribute '%s'\n\t(%s)\n\tin option %d (%s) for procedure '%s'

DESCRIPTION

This message is issued by the **define_proc_attributes** command. It indicates an incorrect attempt at specifying an attribute for a procedure argument. The reason for the error is included in the message.

WHAT NEXT

Fix the syntax of the command and try again.

messages

NAME

CMD-068 (error) Could not find procedure '%s'. Arguments can't be parsed.

DESCRIPTION

This message indicates an attempt to use the parse_proc_arguments command from within a procedure which has not been defined using define_proc_attributes.

WHAT NEXT

Define the procedure's arguments using define_proc_attributes and try again.

messages

NAME

CMD-069 (error) Could not set '%s(%s)' while parsing arguments in '%s'.

DESCRIPTION

This message indicates that the **parse_proc_arguments** command was not able to set the specified Tcl array variable to hold the value of a command option.

WHAT NEXT

This typically indicates that the variable was read-only. Use a different variable and try again.

messages

NAME

CMD-070 (error) %s can only be called from within a procedure

DESCRIPTION

This message indicates an attempt to use the given command from the interpreter command line. Calls to this command are only supported from within a Tcl procedure.

WHAT NEXT

Create a procedure and call the command from within the scope of the procedure body.

---

messages

NAME

CMD-080 (error) Command '%s' is disabled.

DESCRIPTION

Although part of the application, the listed command is not currently enabled.

WHAT NEXT

Look at the user documentation to determine how various commands are enabled and disabled.

---

messages

NAME

CMD-081 (information) script '%s'\n\tstopped at line %d due to %s.

DESCRIPTION

The execution of a script was terminated. This message tells you which script stopped, the line number where it stopped, and why it stopped.

If the **sh_continue_on_error** variable is false (the default), any Tcl error, either syntax or semantic, stops the script. If **sh_continue_on_error** is false and the **sh_script_stop_severity** variable is W or E, messages of that severity or higher stop the script.

If the **sh_continue_on_error** variable is true, the **sh_script_stop_severity** variable is ignored and the script continues even if there are errors or warnings.

WHAT NEXT

Use the information in this message to identify and correct the source of errors and warnings. Then reexecute the script.

SEE ALSO

sh_continue_on_error , **sh_script_stop_severity** .

messages

NAME

CMD-082 (information) %s occurred at or before line %d in\n\tscript '%s'.

DESCRIPTION

You receive this message if an error or warning occurs while a script is executing, and the variable **sh_source_emits_line_numbers** is set to E or W. A setting of E causes this message to be issued only if an error occurs, while for a setting of W, this message is issued for both warnings and errors. This message tells you the error or warning and the line and script in which it occurred.

The setting of the **sh_script_stop_severity** variable affects the output of the CMD-082 message. If **sh_script_stop_severity** is set to E, the script stops executing if an error occurs; for a setting of W, the script stops executing if a warning or error occurs. In both cases, message CMD-081 is issued, and takes precedence over CMD-082 .

WHAT NEXT

Use the information in this message to identify and correct the source of errors and warnings. Then reexecute the script.

SEE ALSO

sh_script_stop_severity , **sh_source_emits_line_numbers** ; **CMD-081** .

messages

NAME

CMD-085 (warning) Renaming %s %s cause %s commands which use it to fail.

DESCRIPTION

You receive this message if you rename a command which is not a user-defined Tcl procedure. Renaming commands can be dangerous. Parts of the application are written in Tcl, and if you rename a command that the application is using, it is possible that those parts of the application will not function.

The only true use for **rename** is to wrap a command. For example:

```
shell> rename command1 command1_orig
```

```
shell>  \

     proc command1 {args} {

       # ...

       eval command1_orig $args

       # ...

     }
```

If you use **rename** in this way, it is more likely that application will continue to function correctly. Still, use **rename** with extreme care and at your own risk.

WHAT NEXT

Consider using **alias**, Tcl procedures, or a private namespace before using **rename**.

SEE ALSO

rename .

messages

NAME

CMD-086 (error) Could not find command '%s'.

DESCRIPTION

This message indicates that the command name entered does not exist and therefore operation on associated command mode could not be performed.

WHAT NEXT

Check to make sure command name is typed correctly.

messages

NAME

CMD-087 (error) The command requires either a command name or a command mode name.

DESCRIPTION

This command requires either a command name or a command mode name to be specified.

WHAT NEXT

Enter **set_current_command_mode** with the **-command** option flag followed by a command name or the **-mode** option flag followed by a command mode name. These options are mutually exclusive.

---

messages

NAME

CMD-088 (error) Could not find command mode '%s'.

DESCRIPTION

This message indicates that the command mode name entered does not exist and therefore could not be set as the current mode.

WHAT NEXT

Check to make sure command mode name is typed correctly. **get_command_modes -all** lists all defined command mode names.

---

messages

NAME

CMD-089 (error) Initialization of command '%s' failed.

DESCRIPTION

This message indicates that a failure occurred during initialization and the specified command could not be evaluated.

---

messages

NAME

CMD-090 (error) Initialization of command mode '%s' failed.

DESCRIPTION

This message indicates that a failure occurred during initialization of the command mode and the specified command mode could not be made current.

---

messages

NAME

CMD-100 (warning) Detected use of obsolete/unsupported feature. The following\n\twill not be available in a future release of the application:\n\t%s. Use %s instead

DESCRIPTION

You have used a feature which is no longer supported by the application, and the feature is planned to be removed at some future date. The supported method is given in the message.

WHAT NEXT

Update your command usage as indicated.

---

messages

NAME

CMD-101 (error) Failed to set value of option %s for command %s.

DESCRIPTION

A run of a command such as set_command_option_value failed to set the default or current value of an option. The command option may not have been enabled for value-tracking or a conversion error may have occurred when attempting to set the option value.

WHAT NEXT

It may be necessary to enable the option for value-tracking.

---

messages

NAME

CMD-102 (error) No such positional option %d for command %s.

DESCRIPTION

An attempt was made to find the positional option of the command at the given position. No such positional option was found. Either the given command has no positional options, or the given position is "out of range". Note that positional options are numbered 0, 1, 2, ... (N-1) where N is the number of postional options of the command.

WHAT NEXT

Retry the operation using a positional option position that is "in range" for the command.

---

messages

NAME

CMD-103 (error) A Severe error has occurred. To ensure that the script does not continue, the value of sh_continue_on_error has been overridden to be false. Your script is being interrupted. To see the Tcl call stack for the part of your script which generated the Severe error use the error_info command.

DESCRIPTION

A Severe error has occurred during a command execution. To ensure that the script does not continue, the value of sh_continue_on_error has been overridden to be false. Your script is being interrupted. To see the Tcl call stack for the part of your script which generated the Severe error use the error_info command.

WHAT NEXT

For details on the Severe error please look in your log file. You can also run man on the Severe error id to learn more about the error. Study the Severe error and try to fix the error in your script.

---

messages

NAME

CMD-104 (error) Variable '%s' is not an application variable. Using Tcl global variable.

DESCRIPTION

The specified variable is not declared as an application variable (not returned by get_app_var -list). This

message is only generated when the application variable sh_allow_tcl_with_set_app_var is true.

Please see the manpages for get_app_var and set_app_var for additional details.

WHAT NEXT

Make sure you are using the correct variable name.

---

messages

NAME

CMD-105 (warning) Option '%s' is deprecated, use '%s' instead.

DESCRIPTION

This option is obsolete, you should use a different option for this command feature. The code has automatically used a compatible option setting, but in the future the old option may be removed, so you should update your scripts.

WHAT NEXT

Update your script to use the new option.

---

messages

NAME

CMD-106 (warning) Option '%s' for command '%s' is obsolete. See the command's man page for alternatives.

DESCRIPTION

This option is no longer supported, specifying it has no effect.

WHAT NEXT

Update your script

messages

NAME

CMD-107 (error) Not enough values specified for option '%s', requires %d values found %d.

DESCRIPTION

The listed option requires that the specified number of values and not enough values were supplied.

WHAT NEXT

Supply all the required values for the option.

CMD-108

NAME

CMD-108 (warning) Command %s is obsolete. See the command's man page for alternatives.

DESCRIPTION

WHAT NEXT

CMD-109

NAME

CMD-109 (warning) Command %s is deprecated. See the command's man page for alternatives.

DESCRIPTION

WHAT NEXT

CMD-110

NAME

CMD-110 (warning) Option '%s' for command '%s' is deprecated. See the command's man page for alternatives.

DESCRIPTION

WHAT NEXT

messages

NAME

CMD-999 (severe) A Severe error has occurred during testing.

DESCRIPTION

A Severe error has occurred during testing. This should never happen in production.

WHAT NEXT

DB Error Messages

DB-1

NAME

DB-1 (error) File is not a DB file.

DESCRIPTION

WHAT NEXT

DB-1

NAME

DB-3 (warning) Can't locate file '%s'.

DESCRIPTION

The **read_db** command could not find the file shown.

WHAT NEXT

Check the file name used with the **read_db** command and make sure it is correct.

DB-4

NAME

DB-4 (error) Open gen_state (0x%x) -- %s object '%s' (0x%x)\nattach '%s' id = %d

DESCRIPTION

Internal error with DB reader.

WHAT NEXT

Contact Synopsys for support.

ESPCFG Error Messages

ESPCFG-001

NAME

ESPCFG-001 (error) Config: 'config initialize {0|1|dc}' commands not allowed with switch-level model

DESCRIPTION

WHAT NEXT

ESPCFG-002

NAME

ESPCFG-002 (error) Config: Invalid process delay value: %lg

DESCRIPTION

The rcdelay_std_delay and rcdelay_process configuration file commands, respectively specify a standard delay value and a minimum channel length. This number cannot be specified with a negative value.

WHAT NEXT

Ensure that you have specified a positive value for the standard delay and minimum channel length.

ESPCFG-003

NAME

ESPCFG-003 (error) Config: EIS declaration %s previously different type '%s' defined

DESCRIPTION

The voltage configuration command is used to identify and name a set of voltages for a specific type of signal. You are allowed to change the voltage values, but not the type of signal associated with a previously declared identifier.

WHAT NEXT

Check that the voltage interface specification type is consistent with a previously declared identifier. Correct the type name or choose a different identifier to use in association with this set of voltages.

ESPCFG-004

NAME

ESPCFG-004 (error) Config: Xtor model %s was previously defined with a different polarity

DESCRIPTION

The xtor configuration file command identifies the transistor type for the specified transistor model name. You can redefine some of the parameters for a transistor model, but you cannot change the model type.

WHAT NEXT

Ensure that the transistor model type has been correctly specified. Also ensure that the model type does not conflict with a previous configuration file command or the SPICE netlist that is being read.

ESPCFG-005

NAME

ESPCFG-005 (error) Config: Net %s in subckt %s %s state net is unknown

DESCRIPTION

WHAT NEXT

ESPCFG-006

NAME

    ESPCFG-006 (error) Config: Net %s in subckt %s init net is unknown

DESCRIPTION

WHAT NEXT

ESPCFG-007

NAME

    ESPCFG-007 (error) Config: Delay value %g is less than 0

DESCRIPTION

WHAT NEXT

ESPCFG-008

NAME

    ESPCFG-008 (error) Config: Delay signal %s in subckt %s is unknown

DESCRIPTION

WHAT NEXT

ESPCFG-009

NAME

    ESPCFG-009 (error) Config: Weak signal %s in subckt %s is unknown

DESCRIPTION

WHAT NEXT

ESPCFG-010

NAME

ESPCFG-010 (error) Config: Instance %s pinswap is blackboxed

DESCRIPTION

WHAT NEXT

ESPCFG-011

NAME

ESPCFG-011 (error) Config: Instance %s pinswap %s net %s undefined

DESCRIPTION

WHAT NEXT

ESPCFG-012

NAME

ESPCFG-012 (error) Config: Instance %s pinswap only one swap per instance

DESCRIPTION

WHAT NEXT

ESPCFG-013

NAME

ESPCFG-013 (error) Config: Instance %s pinswap is of wrong type

DESCRIPTION

WHAT NEXT

ESPCFG-014

NAME

ESPCFG-014 (error) Config: Subckt %s to rename is unknown

DESCRIPTION

WHAT NEXT

ESPCFG-015

NAME

ESPCFG-015 (error) Config: Invalid argument %s, use dc, 0, 1, or x

DESCRIPTION

WHAT NEXT

ESPCFG-016

NAME

ESPCFG-016 (error) Config: Invalid argument %d, use dc, 0, 1, or x

DESCRIPTION

WHAT NEXT

ESPCFG-017

NAME

ESPCFG-017 (error) Config: Invalid multiple: %d

DESCRIPTION

WHAT NEXT

ESPCFG-018

NAME

ESPCFG-018 (error) Config: Unknown unit :%s

DESCRIPTION

WHAT NEXT

ESPCFG-019

NAME

ESPCFG-019 (error) Config: Only EIS type 'single' allowed for this configuration

DESCRIPTION

WHAT NEXT

ESPCFG-020

NAME

ESPCFG-020 (error) Config: Subckt %s to excite is unknown

DESCRIPTION

WHAT NEXT

ESPCFG-021

NAME

ESPCFG-021 (error) Config: Could not find top subckt %s in SPICE input files. This subckt would be renamed to %s

DESCRIPTION

WHAT NEXT

ESPCFG-023

NAME

ESPCFG-023 (error) Config: Cannot map clock signal to more than ONE SPICE signal

DESCRIPTION

WHAT NEXT

ESPCFG-024

NAME

ESPCFG-024 (error) Config: Cannot alias clock signal to '%s'

DESCRIPTION

WHAT NEXT

ESPCFG-025

NAME

ESPCFG-025 (error) Config: Cannot define multiple clock signals in one line

DESCRIPTION

WHAT NEXT

ESPCFG-026

NAME

ESPCFG-026 (error) Config: Having port declaration for signal %s at least twice

DESCRIPTION

The configuration file has multiple port declarations for this signal.

WHAT NEXT

Check the port statements in your configuration file and remove all duplicate occurrences of the same port name.

ESPCFG-027

NAME

ESPCFG-027 (error) Config: Default %s has already been specified

DESCRIPTION

WHAT NEXT

ESPCFG-028

NAME

ESPCFG-028 (error) Config: Invalid argument %s, use s, ms, us, ns, ps or fs

DESCRIPTION

WHAT NEXT

ESPCFG-029

NAME

ESPCFG-029 (error) Config: Invalid argument %s for config contention, use readwrite, writewrite, or none

DESCRIPTION

WHAT NEXT

ESPCFG-030

NAME

ESPCFG-030 (error) Config: Invalid argument %s for config type, use sram, rom, cam, or macro

DESCRIPTION

The design type specified in the **config type** statement of the configuration file is not valid.

WHAT NEXT

Modify the argument of the **config type** statement in the configuration file to match one of the allowed values specified in the error message.

ESPCFG-031

NAME

ESPCFG-031 (error) Config: Clock %s not found - define first clock then config %s

DESCRIPTION

WHAT NEXT

ESPCFG-032

NAME

ESPCFG-032 (error) Config: Invalid excluding properties (%s)

DESCRIPTION

WHAT NEXT

ESPCFG-033

NAME

ESPCFG-033 (error) Config: Different Range encountered for blackbox Verilog and SPICE subckt signal

DESCRIPTION

WHAT NEXT

ESPCFG-034

NAME

ESPCFG-034 (error) Config: %s at '%s'

DESCRIPTION

A configuration file parse error was encountered at the character specified in the error message.

WHAT NEXT

Check all commands in the configuration file to make sure that the legal configuration file commands are used.

ESPCFG-035

NAME

ESPCFG-035 (warning) Config: Instance %s pinswap is mos_node could only swap drain with source

DESCRIPTION

WHAT NEXT

ESPCFG-036

NAME

ESPCFG-036 (warning) Config: Subckt %s is unknown

DESCRIPTION

WHAT NEXT

ESPCFG-037

NAME

ESPCFG-037 (warning) Config: Device %s in Subckt %s is unknown

DESCRIPTION

WHAT NEXT

ESPCFG-038

NAME

ESPCFG-038 (warning) Config: Device %s number %d in Subckt %s is unknown

DESCRIPTION

WHAT NEXT

ESPCFG-040

NAME

ESPCFG-040 (warning) Config: Xtor model %s for delay %d unknown

DESCRIPTION

The model for which the delay is specified does not exist in the SPICE design.

WHAT NEXT

Ensure that the specified model exists in the SPICE netlist and rerun the command. Check the model name and assign a delay value.

ESPCFG-041

NAME

ESPCFG-041 (warning) Config: Xtor model %s %s setting is unknown

DESCRIPTION

The model for which the leakage percentage has been specified does not exist in the design.

WHAT NEXT

Ensure that this model exists in the SPICE netlist and rerun the command.

ESPCFG-042

NAME

ESPCFG-042 (warning) Config: Xtor model %s handles only two param definition

DESCRIPTION

WHAT NEXT

ESPCFG-043

NAME

ESPCFG-043 (warning) Config: Instance %s %s setting wrong type

DESCRIPTION

WHAT NEXT

ESPCFG-044

NAME

ESPCFG-044 (warning) Config: Xtor subckt %s %s setting is unknown

DESCRIPTION

The current setting being applied to the subcircuit does not exist. Most likely, the subcircuit is not present in the SPICE netlist.

WHAT NEXT

Ensure that the subcircuit is present in the SPICE netlist before reading in the edited configuration file.

ESPCFG-045

NAME

ESPCFG-045 (warning) Config: Subckt %s with %s setting is unknown

DESCRIPTION

The specific setting being applied to this subcircuit does not exist because the subcircuit is missing from the SPICE netlist.

WHAT NEXT

Ensure that the subcircuit exists in the SPICE netlist before editing the configuration file. To continue, run the **reset** command before reading in the edited configuration file.

ESPCFG-046

NAME

ESPCFG-046 (warning) Config: %g delay will be ignored by rcdelays

DESCRIPTION

The specified delay value is ignored by the RC delays.

WHAT NEXT

Specify the delay as a non-zero value.

ESPCFG-047

NAME

ESPCFG-047 (warning) Config: hand modeling with delay will override potential CKT circuit delay calculation

DESCRIPTION

The specified delay value can override any potential CKT circuit-delay calculations.

WHAT NEXT

To prevent any overrides to potential CKT circuit delay calculations, edit the configuration file.

ESPCFG-048

NAME

ESPCFG-048 (warning) Config: Subckt %s is unknown, cannot use %s

DESCRIPTION

WHAT NEXT

ESPCFG-049

NAME

ESPCFG-049 (warning) Config: Subckt %s to apply port-property is unknown

DESCRIPTION

The specific subcircuit on which the port property is being applied is not present in the SPICE netlist.

WHAT NEXT

Edit the configuration file and run again.

ESPCFG-050

NAME

ESPCFG-050 (warning) Config: Net %s (%s) to apply port-property is unknown did you forget to use bus compression

DESCRIPTION

The specified net does not exist in the subcircuit.

WHAT NEXT

To ensure that the specified net is present in the SPICE netlist, enable bus compression and edit the configuration file.

ESPCFG-051

NAME

ESPCFG-051 (warning) Config: Reset previously set %shand or single bus delimiter '%c' with '%c'

DESCRIPTION

The bus delimiter has changed from the previously set value.

WHAT NEXT

To prevent the changes made to the bus delimiter value, edit the configuration file.

ESPCFG-052

NAME

ESPCFG-052 (warning) Config: Found xtor scale parameter '%g' but netlist has .options scale set to %g which will be ignored

DESCRIPTION

The previous xtor scale parameter value is being overwritten by the specified configuration file statement.

WHAT NEXT

To prevent any overrides to the xtor scale parameter value, edit the configuration file.

ESPCFG-053

NAME

ESPCFG-053 (warning) Config: Pmmatch subckt %s port recognition setting is unknown

DESCRIPTION

The port recognition setting cannot be applied as the specified subcircuit is not found in the SPICE netlist.

WHAT NEXT

To ensure that the subcircuit exists in the SPICE netlist, edit the configuration file.

ESPCFG-054

NAME

ESPCFG-054 (warning) Config: Bad token '%s', please try again

DESCRIPTION

The parser failed to parse the configuration file.

WHAT NEXT

Edit the configuration file and try parsing the configuration file again.

ESPCFG-055

NAME

ESPCFG-055 (warning) Config: hand modeling with weak transistor will override potential CKT circuit calculation

DESCRIPTION

Hand modeling of weak transistors can override CKT circuit calculations.

WHAT NEXT

To avoid any overrides to the potential CKT circuit calculations, edit the configuration file.

ESPCFG-056

NAME

ESPCFG-056 (error) Config: Xtor model %s for delay %g previously set please correct config file

DESCRIPTION

The xtor delay for the model has been previously set.

WHAT NEXT

To rectify this error, edit the configuration file.

ESPCFG-057

NAME

ESPCFG-057 (error) Config: Instance(s) %s delay %g previously set please check config file

DESCRIPTION

The delay value for the specified instance has been previously set.

WHAT NEXT

To rectify this error, edit the configuration file.

ESPCFG-058

NAME

ESPCFG-058 (error) Config: Instance(s) %s previously set to %s please check config file

DESCRIPTION

The specified instance has been previously set to a different configuration.

WHAT NEXT

To rectify the error, edit the configuration file.

ESPCFG-059

NAME

ESPCFG-059 (error) Config: %s rename %s to %s previously set please check config file

DESCRIPTION

The previously set name can be overwritten.

WHAT NEXT

To avoid overriding the previously defined name with the current name, edit the configuration file.

ESPCFG-060

NAME

ESPCFG-060 (information) Config: Changing SPICE top level to subckt '%s' from the previous specified or self-extracted '%s'

DESCRIPTION

The SPICE top-level subcircuit name is changed from the previously specified top design name or the self-extracted top design name.

WHAT NEXT

To avoid changing the top-level SPICE subcircuit name, edit the configuration file or use the **set_top_design** command.

ESPCFG-061

NAME

ESPCFG-061 (information) Config: Using port mapping information for top level subckt %s

DESCRIPTION

The port mapping information in the configuration file is being used for the top-level SPICE subcircuit.

WHAT NEXT

Ensure that the port mapping information is correctly used for the specified top-level SPICE subcircuit.

ESPCFG-062

NAME

ESPCFG-062 (information) Config: Strength maxpath %i is overwritten

DESCRIPTION

The strength_maxpaths value is being overwritten.

WHAT NEXT

Edit the configuration file to update the control value of the strength_maxpaths.

ESPCFG-063

NAME

ESPCFG-063 (information) Config: Xtor global ratio %g is overwritten

DESCRIPTION

The xtor ratio is being overwritten.

WHAT NEXT

To prevent any overrides to the xtor ratio, edit the configuration file.

ESPCFG-064

NAME

ESPCFG-064 (warning) Config: Cannot use port mapping information for top subckt - missing name

DESCRIPTION

The port mapping information in the configuration file could not be used because the top-level SPICE subcircuit name is missing.

WHAT NEXT

Ensure that the top-level SPICE subcircuit name exists in the configuration file.

ESPCFG-065

NAME

ESPCFG-065 (warning) Config: right bus delimiter set to '%c' but left bus delimiter unset - ignored

DESCRIPTION

The left bus delimiter is unset and the right bus delimiter is set. Therefore, the left bus delimiter is ignored.

WHAT NEXT

Set both the right and left bus delimiters.

ESPCFG-066

NAME

ESPCFG-066 (error) Config: Net %s to %s could not be found in %s

DESCRIPTION

The connection between the specified pair of nets is not present in the subcircuit.

WHAT NEXT

Ensure that the nets specified are connected.

ESPCFG-067

NAME

ESPCFG-067 (error) Config: Device %s to %s signal could not be found in %s

DESCRIPTION

The device is not connected to the specified net in the subcircuit.

WHAT NEXT

Ensure the device is connected to the signal.

ESPCFG-068

NAME

ESPCFG-068 (error) Config: Device %s to %s signal is not a subckt instance in %s

DESCRIPTION

The device is not connected to the specified net in the subcircuit instance.

WHAT NEXT

Ensure the device is connected to the signal.

ESPCFG-069

NAME

ESPCFG-069 (error) Config: Net %s in subckt %s previously set, locally overwriting

DESCRIPTION

The net in the subcircuit was previously set and is being overwritten.

WHAT NEXT

To avoid this error message, edit the configuration file.

ESPCFG-070

NAME

ESPCFG-070 (error) Config: Top level subckt could not be determined

DESCRIPTION

WHAT NEXT

ESPCFG-073

NAME

ESPCFG-073 (error) Config: Port signal '%s' for top level subckt '%s' is missing

DESCRIPTION

The specified port signal for the SPICE top level design is missing.

WHAT NEXT

Edit the configuration file to ensure the ports for the top level subcircuit are present in the design.

ESPCFG-074

NAME

ESPCFG-074 (error) Config: Multiple top modules found please select from list : %s

DESCRIPTION

Multiple subcircuits in the SPICE design are candidates for the SPICE top level design.

WHAT NEXT

Select a top design from the list.

ESPCFG-075

NAME

ESPCFG-075 (error) Config: Could not load top level behavioral module %s

DESCRIPTION

The top level behavioral Verilog module could not load.

WHAT NEXT

Ensure that the name of the top design in the behavioral module is correct. You can use the **set_top_design** command to set the correct top design.

ESPCFG-076

NAME

ESPCFG-076 (error) Config: Cannot extract port mapping from complex expression

DESCRIPTION

WHAT NEXT

ESPCFG-077

NAME

ESPCFG-077 (error) Config: Top reference module %s has bus signals in portmap but SPICE top level name UNKNOWN

DESCRIPTION

WHAT NEXT

ESPCFG-078

NAME

ESPCFG-078 (error) Config: Terminating because of previous encountered problems

DESCRIPTION

WHAT NEXT

ESPCFG-079

NAME

ESPCFG-079 (error) Config: No write permission to config file %s

DESCRIPTION

The tool does not have write permissions to generate the configuration file.

WHAT NEXT

Make sure that all the required permissions are set.

ESPCFG-080

NAME

ESPCFG-080 (warning) Config: Could not find global supply1 or supply0 net '%s' to turn off

DESCRIPTION

The specified global *supply1* or *supply0* signal could not be found in the SPICE netlist.

WHAT NEXT

Check the SPICE netlist to see if the specified global signal is present in the netlist. Next, check the configuration file **net** statements to see if you have specified the correct net name for a supply signal.

ESPCFG-081

NAME

ESPCFG-081 (warning) Config: Correcting incorrect %s dir of port %s

DESCRIPTION

The port direction of the specified port is being corrected.

WHAT NEXT

Ensure the correct direction of the specified port.

ESPCFG-082

NAME

ESPCFG-082 (warning) Config: Net %s in subckt %s gnd or vdd, global settings ignored

DESCRIPTION

WHAT NEXT

ESPCFG-083

NAME

ESPCFG-083 (warning) Config: Could not find any instance of global net %s

DESCRIPTION

The global net name specified as a supply in the configuration file does not exist in the SPICE netlist. The supply declaration is ignored.

WHAT NEXT

Check that the correct net name is specified in the configuration file. If the signal does not exist, remove the declaration from the configuration file to eliminate the warning message.

ESPCFG-084

NAME

ESPCFG-084 (warning) Config: Net %s in subckt %s %s, local settings ignored

DESCRIPTION

The specified net in the SPICE subcircuit is a vdd/gnd. Therefore, the local settings are ignored.

WHAT NEXT

Change the settings of the net from being a supply signal to apply other properties.

ESPCFG-085

NAME

ESPCFG-085 (warning) Config: Could not find in subckt %s specified net %s

DESCRIPTION

The specified net could not be found in the SPICE design.

WHAT NEXT

Ensure the specified net is present in the SPICE design.

ESPCFG-086

NAME

ESPCFG-086 (warning) Config: Correcting bit or range to port %s

DESCRIPTION

Correcting the port range of the specified port.

WHAT NEXT

Ensure that the port ranges are correctly specified in the configuration file.

ESPCFG-087

NAME

ESPCFG-087 (warning) Config: Incorrect direction of clock port %s

DESCRIPTION

The clock direction has been incorrectly specified.

WHAT NEXT

Specify the correct clock direction.

ESPCFG-088

NAME

ESPCFG-088 (warning) Config: Net %s defined in reference model but not in design

DESCRIPTION

The specified net is defined in the reference design, but is missing from the SPICE design.

WHAT NEXT

Ensure that the specified net is present in the SPICE design. Otherwise, set the property on the net showing that it is present only in the reference design.

ESPCFG-089

NAME

ESPCFG-089 (warning) Config: Reference and implementation top level name are identical, rename implementation to %s

DESCRIPTION

The top level design names in the reference and implementation designs are the same. Therefore, the top level design name in the implementation design is being changed.

WHAT NEXT

Use different top level design names for the reference and implementation designs.

ESPCFG-090

NAME

ESPCFG-090 (error) Config: Port size mismatch for port %s in reference [%d:%d] versus implementation <%d:%d>

DESCRIPTION

The size of specified port does not match in the reference and implementation designs.

WHAT NEXT

Ensure that the port sizes match in the reference and implementation designs.

ESPCFG-091

NAME

ESPCFG-091 (error) Config: Port %s is vector for reference model but not for design

DESCRIPTION

The specified port is defined as a vector in the reference design, but as a wire in the implementation design.

WHAT NEXT

Ensure that the port sizes are the same on both the reference and implementation designs.

ESPCFG-092

NAME

ESPCFG-092 (information) Config: Extracted top level module %s from reference design

DESCRIPTION

This is an informative message indicating the top level design name that is extracted from the reference

model.

WHAT NEXT

No further action is required.

ESPCFG-093

NAME

ESPCFG-093 (information) Config: The time unit for module %s is %s

DESCRIPTION

WHAT NEXT

ESPCFG-094

NAME

ESPCFG-094 (information) Config: The time precision for module %s is %s

DESCRIPTION

WHAT NEXT

ESPCFG-095

NAME

ESPCFG-095 (information) Config: Assuming top level SPICE sub-circuit %s extracted from Verilog

DESCRIPTION

WHAT NEXT

ESPCFG-096

NAME

ESPCFG-096 (information) Config: Using module %s port mapping with bus signals to extract bus signals from SPICE

DESCRIPTION

WHAT NEXT

ESPCFG-097

NAME

ESPCFG-097 (information) Config: No checking on port map arguments - better supply SPICE file for accurate checking

DESCRIPTION

WHAT NEXT

ESPCFG-098

NAME

ESPCFG-098 (warning) Config: conflicting 'config initialize' commands, using last one read

DESCRIPTION

The configuration file contains multiple configuration initialize statements. The last statement is being used to set the value.

WHAT NEXT

Use single configuration initialize statement in the configuration file.

ESPCFG-099

NAME

ESPCFG-099 (error) Config: Invalid argument %s for mux_model, use mutex or conservative

DESCRIPTION

WHAT NEXT

ESPCFG-100

NAME

ESPCFG-100 (error) Config: Port Check/Drive requires SPICE port names specified explicitly

DESCRIPTION

WHAT NEXT

ESPCFG-101

NAME

ESPCFG-101 (warning) Config: Net %s defined in implementation model but not in reference

DESCRIPTION

WHAT NEXT

ESPCFG-102

NAME

ESPCFG-102 (error) Config: Port %s does not have direction specified

DESCRIPTION

WHAT NEXT

ESPCFG-103

NAME

ESPCFG-103 (error) Config: Maximum number of portgroup statements reached.(limit=64).

DESCRIPTION

WHAT NEXT

ESPCFG-104

NAME

ESPCFG-104 (error) Config: Clock '%s' used in PORTGROUP statement is not defined

DESCRIPTION

WHAT NEXT

ESPCFG-105

NAME

ESPCFG-105 (warning) Config: Empty port in module declaration '%s'

DESCRIPTION

WHAT NEXT

ESPCLC Error Messages

ESPCLC-001

NAME

ESPCLC-001 (error) "%s" cannot be used with both -r and -i.

DESCRIPTION

A (get_*) collection command is invoked using both the -r and -i flags. This is invalid as the command works only on the reference or implementation container, but not both.

WHAT NEXT

Rerun the command using either the -r or -i flag, but not both.

ESPCLC-002

NAME

ESPCLC-002 (error) "%s" cannot be used without either -r or -i (unless the current_container is set).

DESCRIPTION

A (get_*) collection command is invoked without specifying either the reference container (-r) or implementation container (-i). If the current container is not set, you must specify the container.

WHAT NEXT

Rerun the command and specify the container using the -r or -i flags, but not both. You can also use the **current_container** command to set the current container.

ESPCLC-003

NAME

ESPCLC-003 (information) No designs found for the current container.

DESCRIPTION

The **get_designs** command ran and returned a null value for the current container.

WHAT NEXT

Check to see if the correct container flag (-r/-i) was used with the **get_designs** command. If it is accurate, verify that the target container has no designs defined.

ESPCLC-004

NAME

ESPCLC-004 (information) No cells found for the current design.

DESCRIPTION

The **get_instances** command ran and returned a null value for the current design.

WHAT NEXT

Check to see if the correct container flag (-r/-i) was used with the **get_instances** command. Also, validate that the current design is set to the correct design. If both are correct, verify that the target design has any instances defined.

ESPCLC-005

NAME

ESPCLC-005 (information) No ports found for the current design.

DESCRIPTION

The **get_ports** command ran and returned a null value for the current design.

WHAT NEXT

Check to see if the correct container flag (-r/-i) was used with the **get_ports** command. Also, validate that the current design is set to the correct design. If both are correct, verify that the target design has no ports defined.

ESPCLC-006

NAME

ESPCLC-006 (information) No nets found for the current design.

DESCRIPTION

The **get_nets** command ran and returned a null value for the current design.

WHAT NEXT

Check to see if the correct container flag (-r/-i) was used with the **get_nets** command. Also, validate that the current design is set to the correct design. If both are accurate,verify that the target design does not have any nets defined.

ESPCLC-007

NAME

ESPCLC-007 (information) No instances found for the current design.

DESCRIPTION

The **get_instances** command ran and returned a null value for the current design.

WHAT NEXT

Check to see if the correct container flag (-r/-i) was used with the **get_instances** command. Also, validate that the current design is set to the correct design. If both are accurate, verify that there are instances defined in the target design.

ESPCLC-008

NAME

ESPCLC-008 (information) No devices found for the current design.

DESCRIPTION

The **get_devices** command ran and returned a null value for the current design.

WHAT NEXT

Check to see if the correct container flag (-r/-i) was used with the **get_devices** command. Also, validate that the current design is set to the correct design. If both are accurate, verify that are devices defined in the target design.

ESPCLC-009

NAME

ESPCLC-009 (information) No inputs found for the current design.

DESCRIPTION

The **get_inputs** command ran on the reference container and returned a null value for the current design.

WHAT NEXT

Check to see if the current design is set to the correct design. If it is accurate, verify that there are inputs defined in the target design.

ESPCLC-010

NAME

ESPCLC-010 (information) No outputs found for the current design.

DESCRIPTION

The **get_outputs** command returned a null value for the current design in the reference container.

WHAT NEXT

Check to see if the current design is set to the correct design. If it is accurate, verify that there are no output ports defined the target design.

ESPCLC-011

NAME

ESPCLC-011 (information) No inouts found for the current design.

DESCRIPTION

The **get_inouts** command returned a null value for the current design.

WHAT NEXT

Check to see if the correct container flag (-r/-i) was used with the **get_inouts** command. Also, validate that the current design is set to the correct design. If both are accurate, verify that there are no inout ports in the target design.

ESPCLC-012

NAME

ESPCLC-012 (information) No pins found for the current instance.

DESCRIPTION

The **get_pins** command returned a null value for the current instance.

WHAT NEXT

Check to see if the correct container flag (-r/-i) was used with the **get_pins** command. Also, validate that the current design is set to the correct design and the current instance is set to the correct instance. If all are accurate, verify that there are no pins defined in the target instance.

ESPCLC-013

NAME

ESPCLC-013 (error) "%s" cannot be used for SPICE because all ports in SPICE are of the type "inout".

DESCRIPTION

Either the **get_inputs** or **get_outputs** command ran on the implementation container. This is invalid because all ports in a SPICE subcircuit definition are of the direction "inout".

WHAT NEXT

Rerun the command on the reference container using the -r flag instead of the -i flag to obtain meaningful results for the reference container.

ESPCLC-014

NAME

ESPCLC-014 (information) No %s found for %s in the %s container.

DESCRIPTION

ESP has determined that for the specified container and (current_**) focus variable, no object was found for the specified Tcl collection command (one of the get_** commands). Simulation will continue.

WHAT NEXT

Verify that the specified container and focus variable do not contain any object of the specified collection type, such as ports, nets, and devices.

ESPCLC-015

NAME

ESPCLC-015 (information) No portgroups found in the design.

DESCRIPTION

WHAT NEXT

ESPCMD Error Messages

ESPCMD-001

NAME

ESPCMD-001 (error) '%s' is not supported for %s

DESCRIPTION

The specified argument is not supported for this Tcl command.

WHAT NEXT

Review the man page information for this command to ensure that you are using the correct option name. Correct the option or use the command without this argument.

ESPCMD-003

NAME

ESPCMD-003 (error) Cannot open %s file '%s' for '%s'

DESCRIPTION

You are unable to read or write the named file of the specified type.

WHAT NEXT

Verify that the file exists and that you have write access to the directory. Write access depends on the file type.

ESPCMD-004

NAME

ESPCMD-004 (error) Must specify one of these options: %s.

DESCRIPTION

The ESP Tcl command is missing one of the specified options. The command cannot continue without this option.

WHAT NEXT

Review the man page for the command and add an appropriate specified required option.

ESPCMD-014

NAME

ESPCMD-014 (warning) Ignoring invalid %s value '%s' in list.

DESCRIPTION

WHAT NEXT

ESPCMD-015

NAME

ESPCMD-015 (error) Could not open file %s '%s'

DESCRIPTION

You are unable to access the named file with the specified access type.

WHAT NEXT

Verify that the file exists and you have read access to the file or that you have write access to the directory the file is to be written into. Write access depends on the file type.

ESPCMD-021

NAME

ESPCMD-021 (error) Value '%d' for option '%s' is invalid: must be %s.

DESCRIPTION

WHAT NEXT

ESPCMD-022

NAME

ESPCMD-022 (error) Value '%s' for option '%s' is not valid. Specify one of: %s

DESCRIPTION

The value given for the listed argument is not one of the limited allowable strings. This messages lists all of the appropriate values.

WHAT NEXT

Supply a compatible value for the argument.

ESPCMD-023

NAME

ESPCMD-023 (error) Specify a design name on the command or set current design name.

DESCRIPTION

This ESP Tcl command requires that you specify the design name or set the current design name. The design name is used to provide context of where a property is found or where you should set a property.

WHAT NEXT

Set the current design name by using the **current_design** command. This way, Tcl commands that require the current design name can use the it instead of having specifying the name on the command.

ESPCMD-024

NAME

ESPCMD-024 (error) Could not create directory for %s.

DESCRIPTION

The directory for the specified file cannot be created.

WHAT NEXT

Make sure you have write permissions on the path that was reported. If you do not have permissions, choose a different place to create the file.

ESPCMD-025

NAME

ESPCMD-025 (error) Could not create directory %s.

DESCRIPTION

The directory specified cannot be created.

WHAT NEXT

Make sure you have write permissions to create the directory. If you do not have permissions, choose a different directory to run verification.

ESPCMD-026

NAME

ESPCMD-026 (error) Option %s not implemented.

DESCRIPTION

The specified option has not been implemented and is disabled.

WHAT NEXT

Review the man page for the command and use an available option.

ESPCMD-027

NAME

ESPCMD-027 (error) Option %s not valid in %s.

DESCRIPTION

You have specified an option that is not valid for the command or mode that you are in.

WHAT NEXT

Review the man page for this command and use valid options.

ESPCMD-028

NAME

ESPCMD-028 (error) This command is not supported in library verification mode.

DESCRIPTION

The **report_log** command does not support the library verification mode unless the *-design* is provided.

WHAT NEXT

Use the *-design* option of the **report_log** command to report on a specific design.

To create a log for every cell in library verification use a set of commands like the following:

```
# create a log directory
file mkdir logs
foreach_in_collection dsgn [get_matched_designs] {
  set name [get_attribute $dsgn name]
  report_log -design $dsgn > logs/${name}.log
}
```

ESPCMD-029

NAME

ESPCMD-029 (warning) "%s" command ignored when in %s.

DESCRIPTION

The **match_design_ports** command is not available in the library verification mode.

WHAT NEXT

Review documentation about how to perform library verification using ESP.

ESPCMD-030

NAME

ESPCMD-030 (error) Incorrect threshold values specified

DESCRIPTION

WHAT NEXT

ESPCMD-031

NAME

ESPCMD-031 (error) The '%s' container does not contain netlist data.

DESCRIPTION

The specified container does not contain netlist data.

WHAT NEXT

Read a SPICE netlist into the container.

ESPCMD-032

NAME

ESPCMD-032 (error) Specify a correct logic value instead of %d

DESCRIPTION

The **set_supply_net** command *-logic* option must have a value of either *0* or *1*.

WHAT NEXT

The *-logic* option specifies the logical value of the supply signal. Change the command to use the allowed values.

ESPCMD-033

NAME

ESPCMD-033 (information) Option "%s" was not specified, default to value "%s".

DESCRIPTION

The **set_supply_net** command *-type* option must have a value of either *real* or *virtual*.

WHAT NEXT

The *-type* option specifies the type of supply signal. Change the command to use the allowed values.

ESPCMD-034

NAME

ESPCMD-034 (error) value '%s' for variable '%s' is not valid. Specify one of:\n\t%s

DESCRIPTION

The value being assigned to the variable is not a legal values for this variable.

WHAT NEXT

Redo the set command with a legal value specified in the error message.

ESPCMD-035

NAME

ESPCMD-035 (error) Unable to set variable %s to "%s"%s.

DESCRIPTION

The value being assigned to the variable is not a legal value.

WHAT NEXT

Review the man page for the Tcl variable to find out what legal values are allowed.

ESPCMD-036

NAME

ESPCMD-036 (error) Invalid value "%s" for variable %s.

DESCRIPTION

The value assigned to the variable is not a legal values for this variable.

WHAT NEXT

Redo the set command using one of the values specified in the error message.

ESPCMD-037

NAME

ESPCMD-037 (warning) Option %s not implemented and will be ignored.

DESCRIPTION

The specified option is not available and is being ignored.

WHAT NEXT

No further action is required. Do not use this option the next time you run the command.

ESPCMD-038

NAME

ESPCMD-038 (error) Command "%s" requires simple instance names, without hierarchy.

DESCRIPTION

This command has an invalid instance name. The instance name is a hierarchical instance name, which is not allowed.

WHAT NEXT

Change the instance name to remove the hierarchy information. If possible, set the design name to the module containing the instance. Keep in mind that the property is applied to all instances.

ESPCMD-039

NAME

ESPCMD-039 (error) Unable to determine instance. Please set current_instance or specify the instance as an argument.

DESCRIPTION

To apply this property, you must specify the instance.

WHAT NEXT

You can set the current instance name using the **current_instance** command or specify the instance name as an argument of this command.

ESPCMD-040

NAME

ESPCMD-040 (error) Cannot enter the library name without specifying the SPICE model file.

DESCRIPTION

WHAT NEXT

ESPCMD-041

NAME

ESPCMD-041 (error) The '%s' container does not contain Verilog or SPICE data.

DESCRIPTION

WHAT NEXT

ESPCMD-042

NAME

ESPCMD-042 (warning) Setting %s to %s has caused %s to be set to %s.

DESCRIPTION

The new variable setting requires a certain value on some other variable. Generally, this is due to an incompatibility between two different features that are controlled by the variables.

WHAT NEXT

Normally, you do not need to do anything -- and this message simply warns you that your latest variable assignment has some other side-effect. If you wish to use the old values of these two variables, you must undo your latest assignment first (by assigning it its original value), and then re-assign the variable that was automatically changed as a side-effect.

ESPCMD-043

NAME

ESPCMD-043 (warning) Invalid value for option '%s' in command '%s'.

DESCRIPTION

Illegal value for the specified option. The value of the option will be ignored.

WHAT NEXT

Review the man page for the command and set a valid value for the option.

ESPCMD-044

NAME

ESPCMD-044 (error) Conflict values for option '%s' and option '%s' in command '%s'.

DESCRIPTION

Conflict option values to the command. The command will fail.

WHAT NEXT

Review the man page for the command and resolve the conflict option values.

ESPCMD-045

NAME

ESPCMD-045 (warning) No '%s' found for command '%s'.

DESCRIPTION

Target for the command is not found. For example, by issuing "remove_net_group -all", if there is not any active net group around, this warning message will be triggered.

WHAT NEXT

Make sure target exists before issuing a command.

ESPCMD-046

NAME

ESPCMD-046 (error) '%s' is not a valid value for command '%s'.

DESCRIPTION

Target name for the command is not valid. For example, by issuing "remove_net_group G1", if there is not a net group called G1, this error message will be triggered. The command will fail.

WHAT NEXT

Make sure target exists before issuing a command.

ESPCMD-047

NAME

ESPCMD-047 (warning) The previous '%s' with the same option value '%s' will be overwritten.

DESCRIPTION

Later ocurred TCL command overwrites the same TCL command occured earlier when some option values to the command are the same.

WHAT NEXT

Make sure this is the expected behavior : the last command wins.

ESPCMD-048

NAME

ESPCMD-048 (warning) %s '%s' was referred by '%s' before; '%s' will work on the modified %s '%s'.

DESCRIPTION

Execution of command B could change the option value to a previously issued command A. Now command A will work on the modified option value after B is issued.

WHAT NEXT

Make sure this is the expected behavior. If not, change the way command B is issued.

ESPCMD-049

NAME

ESPCMD-049 (error) One of option '%s' and option '%s' must be set for '%s'.

DESCRIPTION

At least one of the 2 options to the command must be set.

WHAT NEXT

Set either one of the 2 options or both.

ESPCMD-050

NAME

ESPCMD-050 (error) Invalid value for option '%s' in '%s'.

DESCRIPTION

Illegal value for the specified option. The command will fail.

WHAT NEXT

Review the man page for the command and set a valid value for the option.

ESPCMD-051

NAME

ESPCMD-051 (error) Failed thread operation '%s' for tbid '%s'.

DESCRIPTION

ESPCMD-052

NAME

ESPCMD-052 (information) '%s' is deprecated. It will be removed in a future release.

DESCRIPTION

The variable verify_suppress_nonzero_delay_osc has been deprecated.

WHAT NEXT

Use the variable verify_suppress_nonzero_delay_oscillation instead.

ESPCMD-053

NAME

ESPCMD-053 (information) No power domains have been set up.

DESCRIPTION

Under the inspector mode, if neither the default power domain nor any user defined power domain has been created, the message is issued upon executing "remove_power_domain" or "report_power_domains".

WHAT NEXT

Check why default power domain is not present.

ESPCMD-054

NAME

ESPCMD-054 (error) '%s' is deprecated. Please use '%s' instead

DESCRIPTION

WHAT NEXT

ESPCMD-055

NAME

ESPCMD-055 (error) Invalid supply type %s specified. Please use real or virtual

DESCRIPTION

WHAT NEXT

ESPCMD-056

NAME

ESPCMD-056 (error) Cannot specify %s with %s

DESCRIPTION

WHAT NEXT

ESPCMD-057

NAME

ESPCMD-057 (error) Could not find device model info to report on.

DESCRIPTION

WHAT NEXT

ESPCMD-058

NAME

ESPCMD-058 (error) Invalid phase value %d specified. Use a phase value of 1 or 2.

DESCRIPTION

WHAT NEXT

ESPCMD-059

NAME

ESPCMD-059 (warning) Phase value cannot be specified for pin function %s. Phase ignored.

DESCRIPTION

WHAT NEXT

ESPCMD-060

NAME

ESPCMD-060 (error) Invalid radix value of '%s'. Use one of 'bin', 'oct', 'hex'.

DESCRIPTION

WHAT NEXT

ESPCMD-061

NAME

ESPCMD-061 (information) '%s' is deprecated. Please use '%s' instead

DESCRIPTION

WHAT NEXT

ESPCMD-062

NAME

ESPCMD-062 (error) No designs found in the %s container. Have you read data into this container

DESCRIPTION

Design data has not been found in the "ref" (reference) container or the "imp" (implementation) container.

WHAT NEXT

Use Tcl commands **read_verilog** , **read_spice** , or **read_db** to put design data into the specified container.

ESPCMD-063

NAME

ESPCMD-063 (error) Option -matched_designs is only available for library verification

DESCRIPTION

The command line option -design_pair is not allowed under the current design flow.

WHAT NEXT

Use the Tcl command **set_verification_defaults** to enable multi-design flow using "-library_verification" defaults.

ESPCMD-064

NAME

ESPCMD-064 (error) Cannot change SPICE properties in container '%s' because ESP DB file has been written.

DESCRIPTION

The SPICE netlist properties in the specified container can not be changed because one of the designs in that container have been written to an ESP DB file. Once a file has been written, changes to the SPICE netlist can not be reflected in the ESP DB file that has been written.

WHAT NEXT

Reset the container, re-read the SPICE netlist and make sure that all SPICE netlist attributes are performed before writting out any ESP DB file.

A copy of the commands executed so far in the session can be found in the file esp_shell_command.log. You can can copy this file to another file name and redo all the previous commands after editing this file to set the SPICE netlist attributes in the proper order before writing the ESP DB file.

ESPCMD-065

NAME

ESPCMD-065 (error) Invalid value for option '%s'. Value must be %s.

DESCRIPTION

The value given for the listed argument is not valid. This messages identifies the appropriate values.

WHAT NEXT

Supply a compatible value for the argument.

ESPCMD-066

NAME

ESPCMD-066 (error) Could not find matched design.

DESCRIPTION

WHAT NEXT

ESPCMD-067

NAME

ESPCMD-067 (error) Only one design name is allowed.

DESCRIPTION

Only one matched design name can be specified on the command.

WHAT NEXT

Redo the command with only one matched design name specified.

ESPCMD-068

NAME

ESPCMD-068 (error) Cannot change testbench properties for design %s because testbench has been written.

DESCRIPTION

Once a testbench has been written for a matched design, no more testbench attributes can be changed for that matched design. This ensures that all testbenches created from that matched design are consistent.

WHAT NEXT

ESPCMD-069

NAME

ESPCMD-069 (error) Option %s must be used alone.

DESCRIPTION

WHAT NEXT

ESPCMD-070

NAME

ESPCMD-070 (warning) Changing testbench properties for design '%s' after testbench has been written.

DESCRIPTION

WHAT NEXT

ESPCMD-071

NAME

ESPCMD-071 (error) Must specify option "%s".

DESCRIPTION

WHAT NEXT

ESPCMD-072

NAME

ESPCMD-072 (error) Cannot change supply nets in container '%s' because port matching has been done on a matched design in the container.

DESCRIPTION

WHAT NEXT

ESPCMD-073

NAME

ESPCMD-073 (error) The '%s' container does not contain SPICE data.

DESCRIPTION

WHAT NEXT

ESPCMD-300

NAME

ESPCMD-300 (information) Option '%s' is ignored when option '%s' specified.

DESCRIPTION

WHAT NEXT

ESPCMD-301

NAME

ESPCMD-301 (error) Invalid condition. %s.

DESCRIPTION

WHAT NEXT

ESPCMD-302

NAME

ESPCMD-302 (error) You must run 'check_design' before running this command.

DESCRIPTION

WHAT NEXT

ESPCOV Error Messages

ESPCOV-001

NAME

ESPCOV-001 (error) Coverage is not enabled.

DESCRIPTION

You must enable coverage and generate coverage data before generating the coverage report.

WHAT NEXT

If coverage data has not yet been generated, rerun **verify** with coverage enabled. To enable coverage, set the **coverage** Tcl variable to **true** . Next, rerun the **report_coverage** command.

ESPCOV-002

NAME

ESPCOV-002 (error) Testbench %s did not pass verification.

DESCRIPTION

Verification must complete without errors before coverage information is reported.

WHAT NEXT

Debug all design mismatches and eliminate all differences before rerunning verification with **coverage** enabled.

ESPCOV-003

NAME

ESPCOV-003 (error) Coverage command failed.

DESCRIPTION

The **report_coverage** command has failed.

WHAT NEXT

Review the report command output for information about what may be failing.

ESPCOV-004

NAME

ESPCOV-004 (warning) Coverage data not available for all testbenches.

DESCRIPTION

Coverage data was not found for all of the requested testbenches. The report shows coverage data for only the testbenches that were located.

WHAT NEXT

Enable **coverage** and rerun verification for the testbench that was missing coverage data.

ESPCOV-005

NAME

ESPCOV-005 (error) Coverage data could not be found to report on.

DESCRIPTION

No coverage data was found for the requested testbench; therefore, there is no data to report.

WHAT NEXT

Check that the **coverage** variable is set and that you have run verification with coverage enabled.

ESPCOV-006

NAME

ESPCOV-006 (information) Coverage data for %d of %d testbenches merged together.

DESCRIPTION

This is an informative message that indicates the number of testbench coverage files that have been merged together to generate the coverage report.

WHAT NEXT

If there are less testbenches merged together than the total number of testbenches specified, you need to find out which testbenches had no coverage data. Look for the occurrence of the **ESPCOV-007** error message that show which testbench data is missing.

ESPCOV-007

NAME

ESPCOV-007 (error) Coverage data does not exist for testbench %s.

DESCRIPTION

The specified testbench is missing coverage data.

WHAT NEXT

Check whether coverage was enabled when verification occurred for this testbench. Enable **coverage** and rerun verification for the testbench that was missing coverage data.

ESPCOV-008

NAME

ESPCOV-008 (warning) Coverage data does not exist for testbench %s: %s.

DESCRIPTION

The specified testbench is missing coverage data.

WHAT NEXT

Check whether coverage was enabled when verifying this testbench. If it was not, enable **coverage** and rerun verification for the testbench that was missing coverage data.

ESPCOV-009

NAME

ESPCOV-009 (information) Merged coverage data for %s: %s.

DESCRIPTION

This is an informative message specifying the testbench coverage data that was merged together to generate the coverage report.

WHAT NEXT

No further action is required.

ESPDB2V Error Messages

ESPDB2V-001

NAME

ESPDB2V-001 (error) Environment variable SYNOPSYS is not set.

DESCRIPTION

WHAT NEXT

ESPDB2V-002

NAME

ESPDB2V-002 (error) Error: Could not read error file %s.

DESCRIPTION

WHAT NEXT

ESPDB2V-003

NAME

ESPDB2V-003 (error) Error: No output file name specified.

DESCRIPTION

WHAT NEXT

ESPDB2V-004

NAME

ESPDB2V-004 (warning) Can not open DB file %s.

DESCRIPTION

WHAT NEXT

ESPDB2V-005

NAME

ESPDB2V-005 (error) Must specify only one DB file.

DESCRIPTION

WHAT NEXT

ESPDB2V-006

NAME

ESPDB2V-006 (error) Reading DB file %s failed. (%d)

DESCRIPTION

WHAT NEXT

ESPDB2V-007

NAME

ESPDB2V-007 (error) Could not create behavioral model file from DB file.

DESCRIPTION

WHAT NEXT

ESPDB2V-008

NAME

ESPDB2V-008 (error) Writing Verilog file %s failed.

DESCRIPTION

WHAT NEXT

ESPDMS Error Messages

ESPDMS-001

NAME

ESPDMS-001 (error) Cannot open file %s for write.

DESCRIPTION

WHAT NEXT

ESPDMS-002

NAME

ESPDMS-002 (error) Cannot open file %s for read.

DESCRIPTION

WHAT NEXT

ESPDMS-003

NAME

ESPDMS-003 (error) Device analysis run failed at a specific length: %f and width/fin: %f. Check SPICE simulation logfile at %s

DESCRIPTION

The simulation run failed at the specified length and width or the given nfin value.

WHAT NEXT

Fix the errors in the SPICE simulation log file and rerun the simulation.

ESPDMS-012

NAME

ESPDMS-012 (error) At least one device model must be specified.

DESCRIPTION

At least one device model must be specified.

WHAT NEXT

Specify at least one device model for the characterization.

ESPDMS-015

NAME

ESPDMS-015 (error) Please fix the above errors and run again.

DESCRIPTION

Fix the above errors and run again.

WHAT NEXT

The setup process failed due to errors. These errors are reported in the SPICE log files. Fix these errors and rerun the simulation.

ESPDMS-016

NAME

ESPDMS-016 (error) %s is not recognized as a valid edm file.

DESCRIPTION

Make sure the specified ESP device model file is a valid file or use the *-replace* option.

WHAT NEXT

The ESP device model file file specified in the **create_model_library** command for appending the simulation data is not in a valid format. Ensure it is a valid ESP device model file or use the option -*replace*.

ESPDMS-018

NAME

ESPDMS-018 (error) This version of the edm file is no longer supported. Please re-generate the edm file.

DESCRIPTION

This version of the ESP device model file is no longer supported.

WHAT NEXT

Use the latest version of the ESP device model file.

Regenerate the ESP device model file with this version of ESP.

ESPDMS-019

NAME

ESPDMS-019 (error) Parsing of the edm file failed. Please make sure all the tags are appropriately present.

DESCRIPTION

Parsing of the ESP device model file failed.

The parsing of the ESP device model file fails due to the following reasons:

- The file is not an ESP device model file. ESP device model files are in an XML format.
  - Was the file an ESP Modelgen file?
  - Was the file an SPICE library file?
- Lack of appropriate closing tags or other file corruption.

WHAT NEXT

Please make sure the the file is actually an ESP device model file.

ESPDMS-020

NAME

ESPDMS-020 (error) Technology file cannot be read. Please make sure the file exists.

DESCRIPTION

Technology file cannot be read.

WHAT NEXT

Make sure that the technology file exists.

ESPDMS-022

NAME

ESPDMS-022 (error) Positive integer expected for '%s' size specification '%s'.

DESCRIPTION

The command option value must be a positive integer.

WHAT NEXT

Re-execute the command and specify the appropriate positive integer value for the indicated option.

ESPDMS-025

NAME

ESPDMS-025 (error) Name maps points for '-map' must be specified as a list of pairs: {{ESPName LibName}} or {{ESPName1 LibName1} ... {ESPNameN LibNameN}}

DESCRIPTION

The '-map' option is used to tell ESP that the name it expects for a transistor parameter is mapped to a different name in the device model. When you specify a mapped name, you must specify a pair or names, where the first name is what ESP expects the parameter to be called, and the second name is what is being used in the device models. For instance, if the device models use WW rather than W to specify a device width, you would use the following: -map {{W WW}}.

WHAT NEXT

Re-execute the command using the correct name mapping syntax.

ESPDMS-026

NAME

ESPDMS-026 (warning) Unrecognized map name '%s' ignored

DESCRIPTION

The *-map* option is used to tell the ESP tool that the name it expects for a transistor parameter is mapped to a different name in the device model. When you specify a mapped name, you must specify a pair or names, where the first name is what the ESP tool expects the parameter to be called, and the second name is what is being used in the device models. In this case, the name you specified as the ESP name is not recognized.

WHAT NEXT

Refer to the **add_device_model** command for a list of recognized parameter names.

ESPDMS-027

NAME

ESPDMS-027 (error) SPICE simulator "%s" does not exist or cannot be executed.

DESCRIPTION

The specified SPICE simulator either does not exist or cannot be executed.

WHAT NEXT

Make sure that the SPICE simulator exists in your path. If it does then check the permissions on the

simulator to make sure that it can be executed. Note that the SPICE simulator may have been specified in your script by setting the *spice simulator* variable.

ESPDMS-029

NAME

ESPDMS-029 (error) Invalid combination of device size specifiers.

DESCRIPTION

WHAT NEXT

ESPDMS-030

NAME

ESPDMS-030 (error) Positive value expected for '%s' size specification '%s'.

DESCRIPTION

The indicated option only accepts positive numbers.

WHAT NEXT

Re-execute the command and specify the appropriate positive value for the indicated option.

ESPDMS-031

NAME

ESPDMS-031 (error) The %s option accepts either a single value or a min/max pair of values.

DESCRIPTION

WHAT NEXT

ESPDMS-034

NAME

ESPDMS-034 (error) Specify at least one device model to be analyzed using the 'add_device_model' command.

DESCRIPTION

WHAT NEXT

ESPDMS-035

NAME

ESPDMS-035 (warning) Could not analyze the model(s) %s at Length: %f, Width: %f.

DESCRIPTION

WHAT NEXT

ESPDMS-036

NAME

ESPDMS-036 (warning) Could not analyze the model(s) %s at Length: %f, Width: %f. Negative values found.

DESCRIPTION

WHAT NEXT

ESPDMS-037

NAME

ESPDMS-037 (error) Invalid number format for '%s' size specification '%s'.

DESCRIPTION

WHAT NEXT

ESPDMS-038

NAME

ESPDMS-038 (error) Simulation points for '%s' must be specified as a list of pairs: {{L W}} or {{L1 W1} {L2 W2} ... {Ln Wn}}.

DESCRIPTION

The indicated option requires a list of pairs, e.g. {{L W}} or {{L1 W1} {L2 W2} ... {Ln Wn}}. Note that for FinFET technologies you may use NFIN rather than W.

WHAT NEXT

Re-execute the command using the correct syntax to specify the device sizes.

ESPDMS-040

NAME

ESPDMS-040 (error) No valid characterization sizes specified.

DESCRIPTION

When device sizes are specified as using the range or list options to **add_device_model**, e.g. *-wrange*, *-flist*, etc., the specific sizes to characterize are selected by the tool according to a set of filtering rules. In this particular case, after applying the filters there were no valid sizes that could be characterized. When you use the range and list options, the tool filters out all **W** sizes smaller then **L**, and all **W** values greater than 100 times **L**. The tool also restricts the range of **L** so that the maximum **L** value is less than or equal to no more than 3 times the minimum **L** value.

WHAT NEXT

If there are other **add_device_model** commands that successfully characterize the named transistors then there may be no need to characterize the particular sizes specified in this command; the tool uses

interpolation and extrapolation techniques to derive characterization data for sizes not explicitly characterized, based on those that are. If you feel that you must characterize at these sizes then use the cpoint options (*-cpoint*, *-fcpoint*) to specifiy the desired sizes. Filtering is only applied for the list and range options.

ESPDMS-041

NAME

ESPDMS-041 (error) DMS CDPL job submission failed.

DESCRIPTION

The **Device Model Simulation (DMS)** has failed due to an error encountered by the Synopsys **Common Distributed Processing Library (CDPL)** framework.

WHAT NEXT

Review the CDPL error messages displayed prior to this message.

ESPDMS-200

NAME

ESPDMS-200 (information) Checking setup for device model(s) %s

DESCRIPTION

Device model simulation checks a few values before running all of the device sizes as requested by the **add_device_model** command(s).

WHAT NEXT

ESPDMS-201

NAME

ESPDMS-201 (information) Analyzing specified device model(s) %s

DESCRIPTION

WHAT NEXT

ESPDVE Error Messages

ESPDVE-001

NAME

ESPDVE-001 (Error) vcd2vpd command not available. Found vcs at <PATH>

DESCRIPTION

A VCS executable was found at <PATH> but the **vcd2vpd** command was not found in the same path.

WHAT NEXT

Check that VCS and DVE are properly installed and can be found on the PATH environment variable.

ESP requires that the commands **vcs**, **dve**, **vcd2vpd** and **vpdmerge** all exist in the same directory. This check helps to ensure that all the files needed for ESP to use DVE are compatible.

ESPDVE-002

NAME

ESPDVE-002 (Error) vpdmerge command not available. Found vcs at <PATH>

DESCRIPTION

A VCS executable was found at <PATH> but the **vpdmerge** command was not found in the same path.

WHAT NEXT

Check that VCS and DVE are properly installed and can be found on the PATH environment variable.

ESP requires that the commands **vcs**, **dve**, **vcd2vpd** and **vpdmerge** all exist in the same directory. This check helps to ensure that all the files needed for ESP to use DVE are compatible.

ESPDVE-003

NAME

ESPDVE-003 (Error) dve command not available. Found vcs at <PATH>

DESCRIPTION

A VCS executable was found at <PATH> but the **dve** command was not found in the same path.

WHAT NEXT

Check that VCS and DVE are properly installed and can be found on the PATH environment variable.

ESP requires that the commands **vcs**, **dve**, **vcd2vpd** and **vpdmerge** all exist in the same directory. This check helps to ensure that all the files needed for ESP to use DVE are compatible.

ESPDVE-004

NAME

ESPDVE-004 (Error) vcs command not found.

DESCRIPTION

A VCS executable was not found on the PATH environment variable.

WHAT NEXT

Check that VCS and DVE are properly installed and can be found on the PATH environment variable.

ESP requires that the commands **vcs**, **dve**, **vcd2vpd** and **vpdmerge** all exist in the same directory. This check helps to ensure that all the files needed for ESP to use DVE are compatible.

ESPDVE-005

NAME

ESPDVE-005 (Error) - Time out: <dve.serverport> not found.

DESCRIPTION

DVE did not start correctly. ESP was waiting for the creation of communications channel.

WHAT NEXT

Check that DVE actually works.

```
From a Unix/Linux shell prompt:
   dve
```

Contact support if the problem persists.

ESPDVE-006

NAME

ESPDVE-006 (Error) Failed to open DVE communications with code: <CODE>

DESCRIPTION

DVE has failed to start correctly.

WHAT NEXT

Check that DVE actually works.

```
From a Unix/Linux shell prompt:
   dve
```

Check that VCS could compile the Verilog source files. Look at the file *ESP_WORK/dve/compile.log*

Make sure you have enough disk space to store results.

Contact the Synopsys Technical Support Center if the problem persists.

ESPDVE-007

NAME

ESPDVE-007 (Error) ESP VCD file <dump.vcd> does not exist.

DESCRIPTION

The ESP VCD file <dump.vcd> was not found.

WHAT NEXT

Check that **debug_design** has been run.

Check that start_dve specified the correct VCD file. By default this is *dump.vcd*.

ESPDVE-008

NAME

ESPDVE-008 (Error) ESP VPD file <dummy.tran.vpd> does not exist. Conversion failed

DESCRIPTION

The internal ESP VPD file <dummy.tran.vpd> could not be found.

WHAT NEXT

Check that **debug_design** was run.

Check that there is enough disk space.

Contact the Synopsys Technical Support Center if the problem persists.

ESPDVE-009

NAME

ESPDVE-009 (Error) ESP VPD file <esp.vpd> does not exist. Merge failed

DESCRIPTION

The internal ESP VPD file <esp.vpd> which is used for DVE could not be found.

This is the file that is actually used by DVE when viewing ESP results.

WHAT NEXT

Check that VCS could compile the Verilog source files. Look at the file *ESP_WORK/dve/compile.log*

Make sure you have enough disk space to store results.

Contact the Synopsys Technical Support Center if the problem persists.

ESPDVE-010

NAME

ESPDVE-010 (Error) Failed to write to DVE. code: <CODE>

DESCRIPTION

This is an internal error.

WHAT NEXT

Exit DVE from the DVE GUI and restart from ESP with start_dve.

Contact the Synopsys Technical Support Center if the problem persists.

ESPDVE-011

NAME

ESPDVE-011 (Error) Failed to read from DVE. code: <CODE>

DESCRIPTION

This is an internal error.

WHAT NEXT

Exit DVE from the DVE GUI and restart from ESP with start_dve.

Contact the Synopsys Technical Support Center if the problem persists.

ESPDVE-012

NAME

ESPDVE-012 (Error) VCD file <dump.vcd> not found. Have you run debug_design?

DESCRIPTION

The ESP VCD file <dump.vcd> was not found.

WHAT NEXT

Check that debug_design has been run.

Check that **_start_dve_** specified the correct VCD file. By default this is *dump.vcd*.

ESPMAT Error Messages

ESPMAT-004

NAME

ESPMAT-004 (error) Match requires data to be read into both reference and implementation containers.

DESCRIPTION

If either the reference or implementation designs is not read in successfully, the tool cannot proceed to match the top level ports.

WHAT NEXT

To ensure the reference design is successfully read in, run the **read_verilog** -r *verilog_file_name* command.

To ensure the implementation design is read in, run the **read_spice** -i *spice_file_name* command.

ESPMAT-005

NAME

ESPMAT-005 (error) Match failed due to top level design name mismatch.

DESCRIPTION

Matching of top level ports between the reference and implementation design has failed because you have not properly specified the top level design names.

WHAT NEXT

To set the top design in the reference container, run the **set_top_design** -r *design_name* command.

To set the top design in the implementation container, run the **set_top_design** -i *design_name* command.

ESPMAT-008

NAME

ESPMAT-008 (information) Number of unmatched ports in container %s: %5d

DESCRIPTION

Shows the number of unmatched ports in the reference or implementation container. When matching is completed successfully, the total number of unmatched ports is zero.

WHAT NEXT

Use the **set_matched_ports** command to manual match the ports in both the containers.

The **report_unmatched_ports** command can be used to get a list of the ports that still have to be matched.

ESPMAT-009

NAME

ESPMAT-009 (error) Size of Specified Bus "%s" does not match the total number of bits in the Reference Design. Please specify the individual bits for matching.

DESCRIPTION

WHAT NEXT

ESPMAT-010

NAME

ESPMAT-010 (error) Size of Specified Bus "%s" does not match the total number of bits in the Implementation Design. Please specify the individual bits for matching.

DESCRIPTION

WHAT NEXT

ESPMAT-016

NAME

ESPMAT-016 (error) Object Name "%s" not found in the Match Table.

DESCRIPTION

The object name of the port being renamed does not exist in the match table.

WHAT NEXT

Ensure that the match table contains the object name that is being renamed.

ESPMAT-017

NAME

ESPMAT-017 (error) Specified Signals '%s' not present in Reference Unmatched Table.

DESCRIPTION

This error indicates that the specific port being added to the match table does not exist in the unmatched table.

WHAT NEXT

Ensure that the specified port is present in the unmatched table before using the **set_matched_ports** command to manually match ports.

The **report_unmatched_ports** command can be used to get a list of the ports that still have to be matched.

ESPMAT-019

NAME

ESPMAT-019 (error) Specified Signals '%s' not present in Implementation Unmatched Table.

DESCRIPTION

The specific port is not present in the Implementation Unmatched table.

WHAT NEXT

Ensure that the port being used in the **set_matched_ports** command is present in the implementation unmatched table.

The **report_unmatched_ports** command can be used to get a list of the ports that still have to be matched.

ESPMAT-021

NAME

ESPMAT-021 (error) Specified Port '%s' not present in Match Table.

DESCRIPTION

The specific port being used in the **set_matched_ports** command is not present in the match table.

WHAT NEXT

Ensure that the port being used in the **set_matched_ports** command is present in the match table.

The **report_unmatched_ports** command can be used to get a list of the ports that still have to be matched.

ESPMAT-025

NAME

ESPMAT-025 (error) All specified ports not present in the Unmatched Tables.

DESCRIPTION

WHAT NEXT

ESPMAT-032

NAME

ESPMAT-032 (error) Already in Match Table cannot add again.

DESCRIPTION

WHAT NEXT

ESPMAT-040

NAME

ESPMAT-040 (error) Not Found in Matched Table

DESCRIPTION

WHAT NEXT

ESPMAT-042

NAME

ESPMAT-042 (error) Mapping between multiple wires is not permitted. Please check if both the reference and implementation ports are of the same type i.e buses or wires. The mapping between a wire and a bus is not permitted.

DESCRIPTION

WHAT NEXT

ESPMAT-043

NAME

ESPMAT-043 (error) The reference or implementation designs has not been read in properly. Please use the commands 'read_verilog' or 'read_spice' to read in the designs.

DESCRIPTION

WHAT NEXT

ESPMAT-046

NAME

ESPMAT-046 (information) Multiple top modules found please select from list :%s

DESCRIPTION

Multiple designs in the reference container or implementation container are candidates for setting the top level design. It is not possible to automatically choose a top level design.

WHAT NEXT

Select a top design from the list.

ESPMAT-047

NAME

ESPMAT-047 (error) Match tables not present. Skipping matched design '%s'.

DESCRIPTION

WHAT NEXT

ESPMAT-100

NAME

ESPMAT-100 (error) %s design does not exist.

DESCRIPTION

The design name specified on the command could not be found in the Reference or Implementation container.

WHAT NEXT

Check that the design name specified does exist in the container. The command **report_unmatched_designs** lists the design names that have not been matched yet and therefore can be used in the **set_matched_designs** command.

ESPMAT-101

NAME

ESPMAT-101 (error) %s design already matched.

DESCRIPTION

The reported design name has already been matched and can not be matched with any other design.

WHAT NEXT

The **report_matched_designs** and **report_unmatched_designs** commands can be used to find out which designs have been matched and which designs have not been matched yet. A reference container design can not be matched with more than one implementation design. To match a reference container with more than one design, do a reset and re-read source data to match the reference design with another design.

ESPMAT-102

NAME

ESPMAT-102 (warning) Reference design %s already matched. Skipping reference design.

DESCRIPTION

The reference design name has already been matched and can not be matched with any other design. The match attempt has been ignored and other matches are being attempted.

WHAT NEXT

A reference container design can not be matched with more than one implementation design. To match a reference container with more than one design, do a reset and re-read source data to match the reference design with another design.

ESPMAT-103

NAME

ESPMAT-103 (warning) Implementation design %s already matched. Skipping match to reference %s.

DESCRIPTION

The **match_designs** command can only match each design once with another design. The attempted match of the specified designs has been ignored and other matches are being attempted.

WHAT NEXT

A reference container design can not be matched with more than one implementation design. To match a reference container with more than one design, do a reset and re-read source data to match the reference design with another design.

ESPMAT-104

NAME

ESPMAT-104 (warning) Reference design %s previously matched. Skipping match to implementation %s.

DESCRIPTION

The **match_designs** command can only match each design once with another design. The attempted match of the specified designs has been ignored and other matches are being attempted.

WHAT NEXT

A reference container design can not be matched with more than one implementation design. To match a reference container with more than one design, do a reset and re-read source data to match the reference design with another design.

ESPMAT-105

NAME

ESPMAT-105 (warning) Reference design %s already matched to implementation design %s. Ignored match to %s.

DESCRIPTION

The **match_designs** command can only match each design once with another design. The attempted match of the specified designs has been ignored and other matches are being attempted.

WHAT NEXT

A reference container design can not be matched with more than one implementation design. To match a reference container with more than one design, do a reset and re-read source data to match the reference design with another design.

ESPMAT-106

NAME

ESPMAT-106 (warning) No new matches found.

DESCRIPTION

The **match_designs** command has not found any designs with the same name in the reference and implementation container which can be matched.

WHAT NEXT

Either all designs with the same name have already been matched or there are no names which match in both containers.

The **report_matched_designs** and **report_unmatched_designs** commands can be used to find out which designs have been matched and which designs have not been matched yet.

The **set_matched_designs** command can be used to match designs with different names in both containers.

ESPMAT-107

NAME

ESPMAT-107 (warning) Match design failed.

DESCRIPTION

The match design command failed.

WHAT NEXT

The **report_matched_designs** and **report_unmatched_designs** commands can be used to find out which designs have been matched and which designs have not been matched yet.

ESPMAT-108

NAME

ESPMAT-108 (warning) All matched designs removed.

DESCRIPTION

A warning that all matched designs have been deleted.

WHAT NEXT

The **report_matched_designs** and **report_unmatched_designs** commands can be used to find out which designs have been matched and which designs have not been matched yet.

The **match_designs** command matches all designs with the same name in both containers.

The **set_matched_designs** command can be used to manually match designs between containers.

ESPMAT-109

NAME

ESPMAT-109 (warning) No matched designs removed.

DESCRIPTION

No matched designs were removed.

WHAT NEXT

Check the list of matched designs that were requested to be removed to make sure they were specified correctly.

The **report_matched_designs** and **report_unmatched_designs** commands can be used to find out

which designs have been matched and which designs have not been matched yet.

ESPMAT-110

NAME

ESPMAT-110 (warning) Matched design pair for '%s' does not exist.

DESCRIPTION

The matched design name reported was not found in the list of matched designs.

WHAT NEXT

Check the list of matched designs specified on the command to make sure they were specified correctly.

The **report_matched_designs** and **report_unmatched_designs** commands can be used to find out which designs have been matched and which designs have not been matched yet.

ESPMAT-111

NAME

ESPMAT-111 (error) Could not remove matched port(s) for matched design pair '%s'.

DESCRIPTION

A warning that the Tcl command could not remove the matched port(s) for the specified matched design pair. No change was performed on this matched design pair.

WHAT NEXT

Check that the correct port names have been used. Redo the command with the corrected port names for the design pairs which were previously ignored.

ESPMAT-112

NAME

ESPMAT-112 (warning) Port matching failed for matched design pair '%s' and is being ignored.

DESCRIPTION

A warning that port matching has failed for the specified matched design pair.

WHAT NEXT

Use the **report_unmatched_ports** command to find out which ports have not been matched for each of the ignored match design pair(s). Then use the **set_matched_ports** command to complete the matching for each of the ignored match design pair(s).

ESPMAT-113

NAME

ESPMAT-113 (error) Port matching failed for matched design pair '%s'.

DESCRIPTION

Port matching of top level ports between the reference and implementation container has failed for the reported matched design pairs.

The matching between top level ports fails due to one of the following reasons:

- Mismatch in the names of ports.
- Mismatch in the port widths.
- Ports present exclusively in only the reference or implementation containers.

WHAT NEXT

Use **report_unmatched_ports** to determine which ports are unmatched for each of the matched design pairs. The **remove_matched_ports** command and the **set_matched_ports** can be used to manually match ports between the reference and implementation container to resolve the port matching problems for each of the failing matched design pairs.

ESPMAT-114

NAME

ESPMAT-114 (error) New name already exists in matched design '%s'.

DESCRIPTION

Each testbench port name must be unique. You can not have more than one with the same name. Attempting to rename a testbench pin to the same port name as another port is not allowed.

WHAT NEXT

Use **report_matched_ports** to see the list of existing testbench port names in the matchtable. Then redo the failing command with a new name that does not conflict with the existing testbench port names.

ESPPM Error Messages

ESPPM-001

NAME

ESPPM-001 (error) Could not find suggested design candidate %s

DESCRIPTION

WHAT NEXT

ESPPM-002

NAME

ESPPM-002 (error) Selected net node %s of pattern %s is external thus no candidate

DESCRIPTION

WHAT NEXT

ESPPM-003

NAME

ESPPM-003 (error) Number of device terminals on net node %s are unequal to that of specified candidate %

DESCRIPTION

WHAT NEXT

ESPPM-004

NAME

ESPPM-004 (error) Selected device %s of pattern %s is a different type to that of candidate

DESCRIPTION

WHAT NEXT

ESPPM-005

NAME

ESPPM-005 (error) Selected device %s of pattern %s has a different model to that of candidate

DESCRIPTION

WHAT NEXT

ESPPM-006

NAME

ESPPM-006 (error) Could not find suggested pattern candidate %s

DESCRIPTION

WHAT NEXT

ESPPM-007

NAME

ESPPM-007 (error) (internal overflow) Please reduce the numbers of special nets

DESCRIPTION

WHAT NEXT

ESPPM-008

NAME

ESPPM-008 (error) (internal algorithm problem) Failed after matching %d Nodes (design %s)

DESCRIPTION

WHAT NEXT

ESPPM-009

NAME

ESPPM-009 (error) (internal algorithm problem) carving out pattern instance failed for %s

DESCRIPTION

WHAT NEXT

ESPPM-010

NAME

ESPPM-010 (error) (internal algorithm problem) carving out pattern for instance w/ buses failed for %s

DESCRIPTION

WHAT NEXT

ESPPM-011

NAME

ESPPM-011 (error) mismatch of patterns portmap versus the subckt area to carve out for %s

DESCRIPTION

WHAT NEXT

ESPPM-012

NAME

ESPPM-012 (error) Node %s has been multi-matched , check your input pattern

DESCRIPTION

WHAT NEXT

ESPPM-013

NAME

ESPPM-013 (error) (internal algorithm problem) state nets not properly matched

DESCRIPTION

WHAT NEXT

ESPPM-014

NAME

ESPPM-014 (warning) The pattern sub-circuit '%s' models more than one circuit. Please split this sub-

circuit into separate entities

DESCRIPTION

WHAT NEXT

ESPPM-015

NAME

ESPPM-015 (warning) (internal algorithm problem) Matching violation of gpv %d spv %d sizes

DESCRIPTION

WHAT NEXT

ESPPM-016

NAME

ESPPM-016 (warning) (internal algorithm problem) Suspicious violation of gpv %d spv %d sizes

DESCRIPTION

WHAT NEXT

ESPPM-017

NAME

ESPPM-017 (warning) (internal algorithm problem) Violation of gp %d sp %d indices

DESCRIPTION

WHAT NEXT

ESPPM-018

NAME

ESPPM-018 (warning) Cannot find specified pattern %s to disable

DESCRIPTION

WHAT NEXT

ESPPM-019

NAME

ESPPM-019 (warning) Found primitive %s at subckt %s which may inflict pattern matching, set 'config flatcut' to at least %d to avoid problem

DESCRIPTION

WHAT NEXT

ESPPM-020

NAME

ESPPM-020 (warning) Applying new net types changed entire bus %s

DESCRIPTION

WHAT NEXT

ESPPM-021

NAME

ESPPM-021 (information) The device's .model differ from one to the other. If you want to disregard these mismatches just out-comment the .model statement in either the SPICE file(s) or in the config file

DESCRIPTION

WHAT NEXT

ESPPM-022

NAME

ESPPM-022 (information) Success with initial %s node %s of pattern '%s' (%d. out of %d)

DESCRIPTION

WHAT NEXT

ESPPM-023

NAME

ESPPM-023 (information) Failure with initial %s node %s of pattern '%s' (%d. out of %d)

DESCRIPTION

WHAT NEXT

ESPPM-024

NAME

ESPPM-024 (information) Count mismatch for %s in pattern and design. Please check carefully possible errors in all of the patterns primitive instances net connection

DESCRIPTION

WHAT NEXT

ESPPM-025

NAME

ESPPM-025 (information) Count mismatch for %s in pattern and design. Please check carefully the portmap and internal wiring between the primitive instances in the pattern

DESCRIPTION

WHAT NEXT

ESPPM-026

NAME

ESPPM-026 (information) Evaluating attributes and settings from Pattern

DESCRIPTION

WHAT NEXT

ESPPM-027

NAME

ESPPM-027 (information) Dropped %s because number of primitives %d exceeding threshold to flattening

DESCRIPTION

WHAT NEXT

ESPPM-028

NAME

ESPPM-028 (information) Matched pattern %s in %spartition %s %d times

DESCRIPTION

WHAT NEXT

ESPPM-029

NAME

ESPPM-029 (information) Running on flattened design %s::%s

DESCRIPTION

WHAT NEXT

ESPPM-030

NAME

ESPPM-030 (information) Running on design %s

DESCRIPTION

WHAT NEXT

ESPPM-031

NAME

ESPPM-031 (information) Matched pattern %s in %spartition %s %d times

DESCRIPTION

WHAT NEXT

ESPPM-032

NAME

ESPPM-032 (information) Matched in design %s 0 times

DESCRIPTION

WHAT NEXT

ESPPM-033

NAME

ESPPM-033 (error) Concurrency net types or net delays found in bitnets for bus %s

DESCRIPTION

WHAT NEXT

ESPSPC Error Messages

ESPSPC-000

NAME

ESPSPC-000 (information) Reading %s SPICE

DESCRIPTION

Target SPICE netlist file has been read.

WHAT NEXT

The SPICE netlist has been read in and parsed. Continue with the verification flow.

ESPSPC-001

NAME

ESPSPC-001 (information) Not flattening instance '%s' of subckt '%s' to avoid increase flatcut to %d

DESCRIPTION

An instance of a particular subcircuit has not been flattened to avoid increasing the flat cut count.

WHAT NEXT

Continue with the verification flow as this message is informational.

ESPSPC-002

NAME

ESPSPC-002 (error) No input files found

DESCRIPTION

Cannot find an input file for the SPICE netlist parsing.

WHAT NEXT

Provide a valid input file for the SPICE netlist parsing.

ESPSPC-003

NAME

ESPSPC-003 (error) Errors encountered during parsing - fix reported errors and rerun

DESCRIPTION

One or more errors were found during SPICE netlist-parsing.

WHAT NEXT

Check the run log for any user-related parsing issue, such as invalid SPICE syntax. If you cannot locate the error, contact the Synopsys Technical Support Center.

ESPSPC-004

NAME

ESPSPC-004 (error) %s at '%s' (col %d)

DESCRIPTION

An error occurred during the SPICE netlist parsing.

WHAT NEXT

Check the printed error message for more information about the parsing error.

ESPSPC-005

NAME

ESPSPC-005 (warning) %s '%s' ignored

DESCRIPTION

A device was ignored during SPICE netlist -parsing.

WHAT NEXT

Check the printed warning message for more information about the ignored device.

ESPSPC-006

NAME

ESPSPC-006 (information) Enable state net matching

DESCRIPTION

State pair pattern matching has been enabled during the SPICE netlist parsing.

WHAT NEXT

For improved efficiency, state storing nodes (like the two sides of a cross-coupled inverter) are being automatically recognized during SPICE netlist parsing.

ESPSPC-007

NAME

ESPSPC-007 (information) see file s2v_memory.log for more info

DESCRIPTION

Internal memory processing has being performed.

WHAT NEXT

For more information about the processing, see the s2v_memory.log file.

ESPSPC-008

NAME

ESPSPC-008 (information) Removed resistors and capacitors from SPICE netlist.

DESCRIPTION

Extracted resistors and capacitors cause problems for ESP. Removing these elements makes verification easier. Resistors will not be removed if they connect two subckt ports or global connections. Removal of resistors and capacitors can affect delays on nets. Voltage dividers or pullup/pulldown resistors may cause shorts to supply nets.

WHAT NEXT

To remove resistors and capacitors from SPICE netlists, set the environment variable ESP_REMOVE_RESISTORS_CAPACITORS before doing any read_spice.

ESPSPC-009

NAME

ESPSPC-009 (information) Ignoring model name %s on %s '%s'

DESCRIPTION

The model name for the specified resistor or capacitor is ignored by the SPICE parser.

WHAT NEXT

Model names for resistors and capacitors are not used by ESP. This message is reminding you of this fact.

By default ESP does not read the technology file and therefore, has no knowledge of specific device models. Even with direct SPICE read, resistor and capacitor models are ignored. ESP uses it's own default model for resistors and capacitors.

An HSPICE resistor or capacitor specification only allows two net names. After that there must be an optional model name followed by model parameters. Model names identify the name of the resistor model being used. SPICE netlists using more than two net names must be changed to be fully HSPICE compliant.

ESPSPC-010

NAME

ESPSPC-010 (error) %s '%s' must have at least %d arguments

DESCRIPTION

A SPICE device encountered a parsing error where the number of arguments supplied is less than the required value.

WHAT NEXT

Check that the target device has the right number of arguments. For example, a MOSFET should have four nodes (drain, gate, source, bulk) and a resistor should have two nodes.

ESPSPC-011

NAME

ESPSPC-011 (error) Error in argument number %d of %s '%s'

DESCRIPTION

A SPICE device encountered a parsing error where one or more of its arguments is invalid.

WHAT NEXT

Check that the target device has valid arguments and verify that all of these nodes are correct. For example, the four nodes of a MOSFET should correspond to drain, gate, source, and bulk respectively.

ESPSPC-012

NAME

ESPSPC-012 (error) Cannot identify model name on %s '%s'

DESCRIPTION

A model name cannot be identified for a particular SPICE device.

WHAT NEXT

Check and verify that the target SPICE device element has the right model name.

ESPSPC-013

NAME

ESPSPC-013 (error) Mosfet '%s' specifies L but not W parameter

DESCRIPTION

The MOSFET target device is missing the width (w) parameter.

WHAT NEXT

Edit the SPICE netlist to include the width parameter for the target device.

ESPSPC-014

NAME

ESPSPC-014 (error) Found vectornet '%s' in subckt instance '%s' (subckt '%s')

DESCRIPTION

The target SPICE subcircuit instance element has an invalid node argument that is a vector net.

WHAT NEXT

Verify that the target instance element has valid node arguments.

ESPSPC-015

NAME

ESPSPC-015 (warning) Argument number %d of %s '%s' (value %lg) ignored

DESCRIPTION

A particular argument of a SPICE device is being ignored.

WHAT NEXT

Verify that it is safe to ignore the specified argument of the target device. For example, the argument is superfluous or redundant.

ESPSPC-016

NAME

ESPSPC-016 (error) Nested subckt definition not supported

DESCRIPTION

ESP does not support nested subcircuit definition (a subcircuit definition within another subcircuit definition).

WHAT NEXT

Rewrite the SPICE netlist to avoid nested subcircuit definition.

ESPSPC-017

NAME

ESPSPC-017 (error) Maximum number of supply nets exceeded. Ignoring supply net %s

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-018

NAME

ESPSPC-018 (error) Fourth and fifth argument xtor '%s' are illegal

DESCRIPTION

A SPICE netlist-parsing error occurred because the target transistor device element does not have a valid device model name at the fifth (or fourth if this is a 3-terminal device) argument.

WHAT NEXT

If this is a 4-terminal transistor device (drain, gate, source, bulk), make sure that the fifth argument of this device is its device model name. If this transistor has only 3 terminals, check the fourth argument.

ESPSPC-019

NAME

ESPSPC-019 (error) Parameter argument error on %s '%s'

DESCRIPTION

A SPICE netlist parsing error is encountered for a parameter argument.

WHAT NEXT

Check the run log for more details on the type and location of this parsing error.

ESPSPC-020

NAME

ESPSPC-020 (error) Subckt '%s' has %u ports, instance '%s' has %u ports

DESCRIPTION

A SPICE netlist parsing error occurred because the target instance element has a different number of ports than its subcircuit definition.

WHAT NEXT

Either correct the number of ports for the target instance to match that of its subcircuit definition or correct the subcircuit definition to match the number of ports in all of its instantiations.

ESPSPC-021

NAME

ESPSPC-021 (error) Duplicate device instance '%s' in netlist or subckt '%s'

DESCRIPTION

A SPICE netlist parsing error occurred where duplicate instances are found for the target device element.

WHAT NEXT

Correct the netlist by removing the duplicate instances.

ESPSPC-022

NAME

ESPSPC-022 (error) Error on argument number %d of .SUBCKT/.MACRO '%s'

DESCRIPTION

A SPICE netlist parsing error occurred where one or more invalid arguments were found for a .SUBCKT or .MACRO definition.

WHAT NEXT

Verify that the target .SUBCKT or .MACRO line contains valid arguments and syntax.

ESPSPC-023

NAME

ESPSPC-023 (warning) .ENDS or .EOM outside .SUBCKT or .MACRO definition

DESCRIPTION

An .ENDS or .EOM line is encountered outside a .SUBCKT or .MACRO definition block, which is unexpected.

WHAT NEXT

Either delete the .ENDS or .EOM line or move it to the appropriate .SUBCKT or .MACRO definition block.

ESPSPC-024

NAME

ESPSPC-024 (warning) .LIB inside .SUBCKT not supported

DESCRIPTION

ESP does not support a .LIB block inside a subcircuit definition. This block is being ignored.

WHAT NEXT

Move the .LIB statement outside of the subcircuit definition block.

ESPSPC-025

NAME

ESPSPC-025 (error) Configured net '%s' is incompletely used - check name or upper/lower range definition

DESCRIPTION

An error occurred in which a bus net is configured, but its lower or upper bound of range is unused.

WHAT NEXT

Check the name of the bus net as well as its lower or upper range definition to make sure they are correct.

ESPSPC-026

NAME

ESPSPC-026 (error) Automatic model type extraction for %s '%s' failed - specify model '%s'

DESCRIPTION

Automatic extraction of the device model for the target transistor element failed.

WHAT NEXT

Provide a device model definition for the target transistor element.

ESPSPC-027

NAME

ESPSPC-027 (error) On %s '%s' (%s) no model specified

DESCRIPTION

No device model is specified for the target transistor element.

WHAT NEXT

Specify a device model for the target transistor element.

ESPSPC-028

NAME

ESPSPC-028 (error) Attempt to overwrite model '%s'

DESCRIPTION

The target device model is trying to overwrite its previous definition.

WHAT NEXT

Keep only one definition of the target device model and delete all others.

ESPSPC-029

NAME

ESPSPC-029 (error) Non-string argument passed to .MODEL statement

DESCRIPTION

An invalid argument is passed to a .MODEL statement. The argument and type must be a string.

WHAT NEXT

Correct the argument so that a valid string is specifying the device model.

ESPSPC-030

NAME

ESPSPC-030 (error) Argument error in .%s

DESCRIPTION

A critical error occurred during the SPICE netlist parsing stage because an invalid argument was supplied to the specified statement.

WHAT NEXT

Correct the invalid argument of the specified statement in the SPICE netlist. Next, run ESP again.

ESPSPC-031

NAME

ESPSPC-031 (error) .PARAM declaration does not make any sense

DESCRIPTION

A critical error occurred during the SPICE netlist parsing stage because the netlist contains one or more illegal parameter assignment expressions (through the .PARAM statement).

WHAT NEXT

Examine the SPICE netlist and correct any .PARAM statement that is an illegal parameter assignment.

ESPSPC-033

NAME

ESPSPC-033 (warning) Instance '%s' has no ports, ignored

DESCRIPTION

The specified SPICE subcircuit instance element contains no ports. Therefore, it cannot affect the overall netlist behavior and is ignored during the parsing stage.

WHAT NEXT

During the SPICE netlist parsing stage, ESP has internally ignored the specified SPICE subcircuit instance element. No action is needed from the user.

ESPSPC-034

NAME

ESPSPC-034 (warning) Subckt '%s' defined twice (previous definition at %s, line %u)

DESCRIPTION

ESP has encountered a SPICE subcircuit block that was defined more than once. All duplicate definitions, except the first, are ignored.

WHAT NEXT

Edit the SPICE file so that only one version of the intended model block exists.

ESPSPC-035

NAME

ESPSPC-035 (warning) XXX

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-036

NAME

ESPSPC-036 (warning) XXX

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-037

NAME

ESPSPC-037 (warning) Overwriting previously or implicitly defined model

DESCRIPTION

ESP has encountered a SPICE model block that was defined more than once. Only the last definition is used, as all previous definitions are automatically overridden.

WHAT NEXT

Edit the SPICE file so that only one version of the intended model block exists.

ESPSPC-038

NAME

ESPSPC-038 (warning) Multi-valued parameters not supported on model '%s'

DESCRIPTION

The specified model block contains a parameter assignment expression which has more than one value on the right-hand-side (RHS). This is not supported by ESP. Simulation is continued whereby only the first value on the RHS of the assignment is used for the parameter in this specified model block. The rest of the values on the RHS are ignored.

WHAT NEXT

For the specified model block, if the parameter is supposed to be assigned a value based on all arguments present on the RHS, then re-write the RHS expression so that it comes out to be a single value. Otherwise, delete all but the first value on the RHS. Next, run ESP again.

ESPSPC-039

NAME

ESPSPC-039 (warning) Multi-valued parameters found, first value used for '%s'

DESCRIPTION

The specified parameter has more than one value on the right-hand-side (RHS) of the parameter assignment expression. This is not supported by ESP. Simulation is continued whereby only the first value on the RHS of the assignment is used for this parameter. The rest of the values on the RHS are ignored.

WHAT NEXT

If the parameter is supposed to be assigned a value based on all arguments present on the RHS, then re-write the RHS expression so that it comes out to be a single value. Otherwise, delete all but the first value on the RHS. Next, run ESP again.

ESPSPC-040

NAME

ESPSPC-040 (warning) Ignoring unsupported parameter type for argument '%s'

DESCRIPTION

ESP does not recognize the type of the specified parameter argument. The type is neither a number, a string, a binary expression, nor a function. The specified parameter is ignored and simulation is continued.

WHAT NEXT

Edit the SPICE netlist so that the specified parameter argument has a type of either a number, a string, a

binary expression, or a function. Next, run ESP again.

ESPSPC-041

NAME

ESPSPC-041 (warning) %s net '%s' in subckt '%s' not defined as .GLOBAL

DESCRIPTION

ESP has determined that the specified power supply node (VDD or GND) in an internal subcircuit was not defined as .GLOBAL net in the SPICE netlist. ESP has automatically converted these to global nets and simulation continues.

WHAT NEXT

This is strictly an internal conversion and the simulation outcome should have no noticeable impact. No action is necessary.

ESPSPC-042

NAME

ESPSPC-042 (warning) Top-level net %s net '%s' not defined as .GLOBAL

DESCRIPTION

ESP has determined that the specified top-level power supply node (VDD or GND) was not defined as .GLOBAL net in the SPICE netlist. ESP has internally converted these to global nets and simulation continues.

WHAT NEXT

This is strictly an internal conversion and the simulation outcome should have no noticeable impact. No action is required.

ESPSPC-044

NAME

ESPSPC-044 (error) XXX

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-045

NAME

ESPSPC-045 (warning) Number of arguments in the reference of function '%s' does not agree with that in the definition of function '%s'; the reference of the function is reset to const 1

DESCRIPTION

Number of arguments in the reference use of a function does not agree with that in the definition of the same function.

WHAT NEXT

User needs to adjust the arguments of the function at the reference place; or the reference use of the function will be reset to const 1.

ESPSPC-046

NAME

ESPSPC-046 (warning) Parameter '%s' defined twice

DESCRIPTION

ESP has determined that the specified parameter is defined more than once in the SPICE netlist. Since a latter definition automatically overrides an earlier one, simulation is continued using only the last definition of this parameter.

WHAT NEXT

Edit the SPICE netlist so that the specified parameter is defined only once. Next, run ESP again.

ESPSPC-047

NAME

ESPSPC-047 (warning) Unknown single assignment for function param '%s'

DESCRIPTION

ESP does not recognize the right-hand-side (RHS) argument of the specified function parameter. The parsed argument is neither a binary expression nor a function expression. Simulation is continued whereby ESP is parsing and ignoring the entire function parameter statement.

WHAT NEXT

Edit the specified function parameter so that the RHS argument is either a binary expression or a function expression. Next, run ESP again.

ESPSPC-048

NAME

ESPSPC-048 (warning) Unknown multiple rhs argument for function param '%s'

DESCRIPTION

The specified function parameter has multiple arguments on its right-hand-side (RHS). This is illegal as the proper syntax for function parameters is:

.PARAM <paramname> = <expression>

The "expression" argument above must be a single argument. Simulation is continued whereby ESP is parsing and ignoring the entire function parameter statement.

WHAT NEXT

Edit the specified function parameter so that only a single argument appears on the RHS of the assignment.

Next, run ESP again.

ESPSPC-049

NAME

ESPSPC-049 (warning) Renaming bitnet to '%s%s' to avoid collision with net '%s'

DESCRIPTION

The specified bitnet (a net representing a bit of a bus) is being renamed by ESP because it has a name collision with another net which already exists in the same design or subcircuit.

WHAT NEXT

ESP has performed an internal renaming of the specified net that not impact the simulation. No further actions is required.

ESPSPC-050

NAME

ESPSPC-050 (warning) Renaming net to '%s' to avoid collision with bitnet '%s'

DESCRIPTION

ESP is renaming the specified net because there is a name collision with another net, a bitnet (a net representing a bit of a bus), which already exists in the same design or subcircuit.

WHAT NEXT

Simulation continues with no noticeable impact, other than the name change. No further actions is required.

ESPSPC-051

NAME

ESPSPC-051 (warning) XXX

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-052

NAME

ESPSPC-052 (warning) MOSFET '%s:%s' may connect power source and ground

DESCRIPTION

ESP has determined that the specified MOSFET device may be connected to both power (VDD) and ground (GND) through its drain and source terminals. If this is true, it is dangerous and can potentially be a bug in the design.

WHAT NEXT

Verify that the specified MOSFET device does not connect to both power and ground or if it does, it is correct.

ESPSPC-053

NAME

ESPSPC-053 (error) Bitnet has been already added to subckt '%s' as net '%s', perhaps case sensitivity problem

DESCRIPTION

A critical error occurred during the SPICE netlist parsing stage because the specified bitnet (net representing a bit of a bus) has already been added to the specified subcircuit definition block. The name identifiers in SPICE are case-insensitive, therefore, check the name identifier of this bitnet. For example, bitnets "A[1]" and "a[1]" are supposed to be identical.

WHAT NEXT

Verify that this problem is not caused by name case-sensitivity. If case-sensitivity is not the issue, find and delete any duplicate definition of the specified bitnet so that it appears only once in a subcircuit block.

ESPSPC-054

NAME

ESPSPC-054 (error) In subckt '%s' net identifier '%s' also used for bus compression - disable bus compression

DESCRIPTION

A critical error occurred during the SPICE netlist parsing stage because the specified net name is being used for a regular non-bus net in the SPICE netlist and a top-level bus net (net representing a whole bus) port in the configuration file as well. This is not permitted in ESP.

WHAT NEXT

Rename either the specified regular non-bus net in the SPICE netlist or the top-level bus net port in the configuration file so that they do not have a name conflict with each other.

Next, run ESP again.

ESPSPC-055

NAME

ESPSPC-055 (error) In subckt '%s' net identifier '%s' also used for bus compression - specify single bits

DESCRIPTION

A critical error occurred during the SPICE netlist parsing stage because the specified net name is being used for a regular non-bus net in the SPICE netlist and for a top-level bitnet (net representing a bit of a bus) port in the configuration file. This is not permitted in ESP.

WHAT NEXT

Rename either the specified regular non-bus net in the SPICE netlist or the top-level bitnet port in the configuration file so that they do not have a name conflict with each other. Next, run ESP again.

ESPSPC-056

NAME

ESPSPC-056 (error) Configured bitnet '%s' specified elsewhere, correct config file

DESCRIPTION

A critical error occurred during the SPICE netlist parsing stage because the specified bitnet (net representing a bit of a bus) appears more than once in the configuration file. This is not permitted in ESP.

WHAT NEXT

Edit the configuration file so that the specified bitnet appears only once.

ESPSPC-057

NAME

ESPSPC-057 (error) Name '%s' used for configured bitnet and nonvector netlist net

DESCRIPTION

A critical error occurred during the SPICE netlist parsing stage because the specified net name is being used for both a top-level bitnet (net representing a bit of a bus) and a top-level non-bus net in the configuration file. This is not permitted in ESP.

WHAT NEXT

Edit the configuration file so that the specified top-level bitnet does not have the same name as another top-level non-bus net in the configuration file. Next, run ESP again.

ESPSPC-058

NAME

ESPSPC-058 (error) Cannot generate nets from port configuration

DESCRIPTION

This message indicates that a critical error occurred during the SPICE netlist-parsing stage because ESP cannot generate a bus bit net corresponding to a top-level input, output, or inout port based on the port configuration information specified in the .cfg file.

WHAT NEXT

Check the .cfg file for configuration errors associated with a top-level bus port.

ESPSPC-059

NAME

ESPSPC-059 (error) Duplicate device instance in subckt or netlist '%s'

DESCRIPTION

A critical error occurred during the SPICE netlist-parsing stage because the specified subcircuit was found to contain duplicate device instances (a device is just any basic SPICE element, such as a transistor or capacitor). For example, a subcircuit with two instantiations of transistor "M1" encountered this error. Duplicate device instantiation is not permitted in the SPICE netlist.

WHAT NEXT

Remove all but one copy of the duplicate device instance in the specified subcircuit and run ESP again.

ESPSPC-060

NAME

ESPSPC-060 (warning) Configured bus net '%s' is incompletely used in SPICE netlist - check range definition

DESCRIPTION

ESP has determined that some bits of the specified bus net are not being used in the SPICE netlist. Potentially, a bug may exist in the design.

WHAT NEXT

Verify that it is correct to use only some of the specified bus net, not all. If it is accurate, modify the bit range of the specified bus net to include only the used bits. By doing so, ESP coverage holes are not introduced.

ESPSPC-061

NAME

ESPSPC-061 (error) .LIB call requires two arguments

DESCRIPTION

A critical error occurred during the SPICE netlist-parsing stage because one or more .LIB call statements in the SPICE netlist file was found to be missing the two required arguments. The proper syntax for a .LIB call is as follows:

```
.LIB 'filepath filename' entryname
```

This message occurred because ESP encountered a .LIB call statement without the two required arguments in "filepath filename" and "entryname".

WHAT NEXT

Edit the SPICE netlist so that all .LIB call statements contain the two required arguments in "filepath filename" and "entryname". Next, run ESP again.

ESPSPC-062

NAME

ESPSPC-062 (error) .LIB definition requires a single argument

DESCRIPTION

A critical error occurred during the SPICE netlist-parsing stage because one or more library section definition in the SPICE library file was found to be missing the required section name argument. The proper syntax for a .LIB library file definition statement is as follows:

.LIB <entryname>

This message occurred because ESP encountered a .LIB definition statement without the required "entryname" argument.

WHAT NEXT

Edit the SPICE library file so that all library section definitions contain the required section name argument. Next, run ESP again.

ESPSPC-063

NAME

ESPSPC-063 (error) Circular inclusion of .LIB file '%s', section '%s'

DESCRIPTION

A critical error occurred during the SPICE netlist parsing stage because a circular inclusion of the specified library file and section is encountered. Circular inclusion is the scenario where one library file/section includes another library file/section, but this other file/section includes the original file/section as well. ESP currently does not support circular inclusion.

WHAT NEXT

Resolve the circular inclusion of the specified library file and section by deleting the appropriate .LIB statement from one of the two library files.

ESPSPC-064

NAME

ESPSPC-064 (warning) Failed to open .LIB file '%s', section '%s'

DESCRIPTION

ESP cannot open the specified library file and section. Simulation continues without factoring into account the contents of the specified library section.

WHAT NEXT

Verify that the specified library file exists and has read permission. Verify that the name of the specified library section is spelled correctly.

ESPSPC-065

NAME

ESPSPC-065 (error) .LIB section '%s' defined twice

DESCRIPTION

A critical error occurred in the SPICE netlist-parsing stage because the specified library section (a library section is a block which begins with ".LIB<brary>" and ends with ".ENDL") was found to be defined more than once in the SPICE library file. ESP currently does not support multiple definitions of a SPICE library

section.

WHAT NEXT

Remove all but one copy of the duplicate library sections and re-run ESP.

ESPSPC-066

NAME

ESPSPC-066 (error) .LIB section '%s' not found

DESCRIPTION

A critical error occurred in the SPICE netlist-parsing stage because the specified library section (a library section is a block which begins with ".LIB<brary>" and ends with ".ENDL") was not found in the SPICE library file.

WHAT NEXT

Verify that the name of the specified library section is spelled correctly. Verify that the SPICE library file really does contain the specified library section. If not, add the missing library section to the SPICE library file.

ESPSPC-067

NAME

ESPSPC-067 (error) End of file in .LIB section

DESCRIPTION

A critical error occurred in the SPICE netlist-parsing stage because an end-of-file (EOF) character is encountered within a disjoint named section (begins with ".LIB<brary>" and ends with .ENDL") of the SPICE library file. The EOF character is not permitted as long as a library section is still open or active. All open library sections must first be closed with a .ENDL statement before an EOF can occur.

WHAT NEXT

Either remove the premature EOF character or close the open library section first before the EOF.

ESPSPC-068

NAME

ESPSPC-068 (error) .ENDL outside .LIB file

DESCRIPTION

A critical error occurred in the SPICE netlist-parsing stage because a .ENDL statement is encountered in a file which is not a valid SPICE library file. Since the .ENDL statement is used for ending a library section, and library sections must exist in a library file, this statement is illegal.

WHAT NEXT

Remove the illegal .ENDL statement from the SPICE library file and re-run ESP.

ESPSPC-069

NAME

ESPSPC-069 (error) Illegal statement outside .LIB section

DESCRIPTION

A critical error occurred during the SPICE netlist parsing stage because an "illegal" statement was encountered in a library file and outside a library section.

In a SPICE library file, only disjoint named sections exist. Each section begins with ".LIB<brary>" and ends with ".ENDL". Outside of these sections, only comments and blank lines are allowed.

The ESP SPICE parser encountered a line in the SPICE library file which does not belong to any disjoint named sections and does not begin with ".LIB<brary>". This is flagged as an illegal statement.

WHAT NEXT

Remove the illegal statement from the SPICE library file and re-run ESP.

ESPSPC-070

NAME

ESPSPC-070 (error) Circular inclusion of .INCLUDE file '%s'

DESCRIPTION

A critical error occurred during the SPICE netlist-parsing stage because a circular inclusion of the specified .INCLUDE file is encountered. Circular inclusion is the scenario where one file includes another file, but this other file includes the original file as well. ESP currently does not support circular inclusion.

WHAT NEXT

Resolve the circular inclusion of the specified .INCLUDE file by deleting the appropriate .INCLUDE statement from one of the two files.

ESPSPC-071

NAME

ESPSPC-071 (warning) Failed to open .INCLUDE file '%s'

DESCRIPTION

ESP cannot open the specified .INCLUDE file. Simulation is continued without including the contents of this file.

WHAT NEXT

Verify that the specified .INCLUDE file exists and has read permission.

ESPSPC-072

NAME

ESPSPC-072 (error) .INCLUDE requires single argument

DESCRIPTION

A critical error occurred during the SPICE netlist-parsing stage because one or more *.INCLUDE* statement is found to be missing its required argument. The proper syntax for *.INCLUDE* is:

```
.INCLUDE '<filepath> filename'
```

The required argument of '<filepath> + filename' is missing.

WHAT NEXT

Edit the SPICE netlist so that all *.INCLUDE* statements contain a valid '<filepath> + filename' argument. Next, run ESP again.

ESPSPC-073

NAME

ESPSPC-073 (error) Newline in quoted expression

DESCRIPTION

A critical error occurred during the SPICE netlist-parsing stage because a newline character (\n) is encountered within a quoted expression. This is not permitted.

WHAT NEXT

Newline (\n) characters are not permitted in a quoted expression. Remove the illegal newline character and re-run ESP.

ESPSPC-074

NAME

ESPSPC-074 (error) End of file in quoted expression

DESCRIPTION

A critical error occurred during the SPICE netlist-parsing stage because an end-of-file character (EOF) is encountered within a quoted expression. This is not permitted.

WHAT NEXT

End-of-file (EOF) characters are not permitted in a quoted expression. Remove the illegal EOF character and re-run ESP.

ESPSPC-075

NAME

ESPSPC-075 (warning) Failed to open file '%s'

DESCRIPTION

ESP cannot open the specified file. Simulation is continued without including the contents of this file.

WHAT NEXT

Verify that the specified file exists and has read permission.

ESPSPC-076

NAME

ESPSPC-076 (error) XXX

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-077

NAME

ESPSPC-077 (error) XXX

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-078

NAME

ESPSPC-078 (error) XXX

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-079

NAME

ESPSPC-079 (error) Unrecognized instance '%s'

DESCRIPTION

A critical error occurred during the SPICE netlist-parsing stage because ESP does not recognize the specified SPICE instance.

WHAT NEXT

Verify that the specified SPICE instance is spelled correctly, has the right syntax, and is HSPICE-compliant (ESP currently only conforms to the HSPICE specifications). If everything is accurate, contact the Synopsys Technical Support Center for help.

ESPSPC-080

NAME

ESPSPC-080 (warning) Unknown command '%s' ignored

DESCRIPTION

ESP does not recognize the specified SPICE command. This command is being parsed and ignored during the SPICE netlist-parsing stage.

WHAT NEXT

Verify that the specified SPICE command is spelled correctly, has the right syntax, and is HSPICE-

compliant (ESP currently only conforms to the HSPICE specifications). If everything is accurate, contact the Synopsys Technical Support Center for help.

ESPSPC-081

NAME

ESPSPC-081 (warning) Command '%s' not implemented

DESCRIPTION

The specified SPICE command is currently not supported by ESP. This command is being parsed and ignored during the SPICE netlist-parsing stage.

WHAT NEXT

If the specified SPICE command is critical for the simulation outcome, contact the Synopsys Technical Support Center for help. Otherwise, continue running ESP knowing that the specified SPICE command is being parsed and ignored.

ESPSPC-082

NAME

ESPSPC-082 (warning) Data block ignored

DESCRIPTION

This message shows up if the target netlist contains any .DATA statements. ESP currently does not support data-driven analysis, so any .DATA blocks, along with all of its parameter values, are parsed and ignored during the SPICE netlist-parsing stage.

WHAT NEXT

If the .DATA statement is critical for the simulation outcome, contact the Synopsys Technical Support Center for help. Otherwise, continue running ESP knowing that all .DATA blocks are being parsed and ignored.

ESPSPC-083

NAME

ESPSPC-083 (warning) Control block ignored

DESCRIPTION

The control block in the SPICE netlist has been ignored.

WHAT NEXT

No action is required.

ESPSPC-084

NAME

ESPSPC-084 (error) Cannot rewind file

DESCRIPTION

Unable to read the file properly.

WHAT NEXT

Check that there are no other programs editing or deleting the file. Read the file again. If the problem exists, contact the Synopsys Technical Support Center.

ESPSPC-085

NAME

ESPSPC-085 (error) Illegal character (code %d) in input

DESCRIPTION

Illegal character in input. Illegal characters are translated to spaces.

WHAT NEXT

Check the input file for the illegal character and change it.

ESPSPC-086

NAME

ESPSPC-086 (error) Subckt '%s' defined twice (previous definition at %s, line %u)

DESCRIPTION

The subcircuit is defined twice.

WHAT NEXT

Fix the SPICE netlist and run it again.

ESPSPC-087

NAME

ESPSPC-087 (error) Parameter '%s' for model '%s' in file '%s', line '%d' is not resolved

DESCRIPTION

A SPICE model file parsing error occurred because the parameter is not resolved.

WHAT NEXT

Look at the equation of the unresolved parameter, and see if it can be expressed in a supported format. Check for equations that use other parameters or functions that are not implemented by ESP. Also, check that all libraries have been specified.

ESPSPC-088

NAME

ESPSPC-088 (error) Parameter in file '%s', line '%d' is not resolved

DESCRIPTION

A SPICE model file parsing error occurred because a parameter is not resolved.

WHAT NEXT

Look at the file and line number specified. Check for an unusually specified parameter. Check for equations that use other parameters or functions that are not implemented by ESP. Also, check that all libraries have been specified.

ESPSPC-089

NAME

ESPSPC-089 (warning) Direct read will be disabled

DESCRIPTION

Direct SPICE read will be disabled. This message is usually preceded by **ESPSPC-087** or **ESPSPC-088** .

WHAT NEXT

Fix any issues indicated by preceding SPICE error messages.

ESPSPC-090

NAME

ESPSPC-090 (information) Parameter %s = %e overflow, set it to 1.0E38

DESCRIPTION

Parameters defined in the model card or in the SPICE netlist, whose values exceed the range of the floating number are reset to the maximum value that can be represented by a floating number on a 32-bit machine.

WHAT NEXT

read_spice proceeds as normal.

ESPSPC-091

NAME

ESPSPC-091 (warning) MOSFET model level=%d is not supported by direct read

DESCRIPTION

Direct read currently does not support models of all possible levels. For example, level 14 is currently not supported.

WHAT NEXT

Direct read will be turned off. The default value of CSR and other parameters will be used for the device.

ESPSPC-092

NAME

ESPSPC-092 (error) mosDbSetup FAILED

DESCRIPTION

ESP failed to generate a device model.

WHAT NEXT

Check the library file to be sure that proper device model information is present. Use previous error messages to help isolate the issue.

ESPSPC-093

NAME

ESPSPC-093 (error) No valid model is found in the model card '%s'

DESCRIPTION

No valid model is found in the model card specified by the "-spice_model_file" option of **set_process** command.

WHAT NEXT

Check the model card; make sure that valid model information is present.

ESPSPC-094

NAME

ESPSPC-094 (error) No valid 'lmin' or 'lmax' or 'wmin' or 'wmax' is found in model '%s'

DESCRIPTION

A valid value for 'lmin', 'lmax', 'wmin' and 'wmax' is needed for each model before ESP can build a valid device model.

WHAT NEXT

Check the model card; make sure that valid model information is present.

ESPSPC-095

NAME

ESPSPC-095 (warning) Model '%s' will be skipped from direct read

DESCRIPTION

ESP will only build models for transistor devices that it supports. Models for resistors, capacitors and other unsupported devices will be skipped.

WHAT NEXT

Check that skipped device is actually a non-transistor device. Skipped models for non-transistor devices can normally be safely ignored.

If the skipped model is a transistor device, remove the device from the netlist or contact support and ask that the device be supported in a future release of ESP.

ESPSPC-096

NAME

ESPSPC-096 (information) Unable to setup environment for CMI

DESCRIPTION

Unable to setup environment for CMI, such as the current operating temperature or the scale.

WHAT NEXT

Direct_read will proceed with the default settings.

ESPSPC-097

NAME

ESPSPC-097 (error) Sanity check failure

DESCRIPTION

The data structure that is requested by ESP before it can build device models fails sanity check.

WHAT NEXT

Direct_read will not be performed on this model.

ESPSPC-098

NAME

ESPSPC-098 (error) Unable to create mosfet with CMI API

DESCRIPTION

Unable to create MOSFET model with CMI API.

WHAT NEXT

Direct_read will not be performed on this model.

ESPSPC-099

NAME

ESPSPC-099 (error) Cannot evaluate CMI library

DESCRIPTION

Cannot evaluate CMI library.

WHAT NEXT

Direct_read will not be performed on this model.

ESPSPC-100

NAME

ESPSPC-100 (error) Top level design ports mismatch:\n%s\n

DESCRIPTION

There was mismatch in the top-level design ports, between the SPICE and configuration files, or between the SPICE and Verilog files.

WHAT NEXT

Check the top-level design ports, edit the relevant file, do a **reset** and start reading the design files again.

ESPSPC-101

NAME

ESPSPC-101 (error) SPICE parse error.

DESCRIPTION

Parse error occurred while reading the SPICE file.

WHAT NEXT

Fix the parse error. Next, use the **reset** command and start reading the design files again.

ESPSPC-102

NAME

ESPSPC-102 (error) SPICE Parser %s

DESCRIPTION

WHAT NEXT

ESPSPC-103

NAME

ESPSPC-103 (information) SPICE netlist contains global ground signals: %s

DESCRIPTION

In SPICE netlists, there are three signal names that have been predefined by the SPICE simulator to represent the ground signal name. These signal names are called gnd, !gnd and 0. This informative message lists which of these signals were found while reading the SPICE netlist. ESP will also interpret these signals as ground signals. They can not be changed.

WHAT NEXT

ESPSPC-104

NAME

ESPSPC-104 (information) SPICE netlist contains possible supply signals that should be set with set_supply_net command: %s

DESCRIPTION

In previous releases, ESP has predefined some signal names as default global signal names. ESP no longer defines these signal names as default and require the user to define all supply signals except for the SPICE simulator ground defaults 0, gnd and !gnd. The signal names previously defined as default supply signal names are gnd!, vss, vss!, ground, vdd, vdd!, vcc, and vcc!. This informative message lists any of these

signals found in the SPICE netlist to provide information on signal names that the user may need to set as supply signals.

WHAT NEXT

Review the list of signal names reported and determine whether it should be declared as a supply net using the set_supply_net command. The command report_potential_supply command can be used to see if there are other nets that should be declared as supply as well.

ESPSPC-201

NAME

ESPSPC-201 (information) Writing Netlist %s (TopModule %s)

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-202

NAME

ESPSPC-202 (error) Instance delay overrides for local instance %s

DESCRIPTION

WHAT NEXT

ESPSPC-203

NAME

ESPSPC-203 (error) Found recursive multiple delays '%s-%s' and '%s-%s' in %s '%s'

DESCRIPTION

WHAT NEXT

ESPSPC-204

NAME

ESPSPC-204 (error) Could not open Verilog file %s

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-205

NAME

ESPSPC-205 (error) Clock signal %s not defined in top Verilog module %s

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-206

NAME

ESPSPC-206 (error) Bus signal '%s' in the SPICE netlist differs in size with the configuration file

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-207

NAME

ESPSPC-207 (error) Signal %s not defined in top Verilog module %s

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-208

NAME

ESPSPC-208 (error) resistor %s does not have R parameter defined

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-209

NAME

ESPSPC-209 (warning) Found conflict for weak settings of the design check your config file and expected output for instance %s

DESCRIPTION

WHAT NEXT

ESPSPC-210

NAME

ESPSPC-210 (warning) Port '%s' (%s) for weak instance not considered - check your config file

DESCRIPTION

WHAT NEXT

ESPSPC-211

NAME

ESPSPC-211 (warning) Port '%s' (%s) input direction for delayed instance %s - check your config file

DESCRIPTION

WHAT NEXT

ESPSPC-212

NAME

ESPSPC-212 (warning) SPICE instance %s missing subckt %s

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-213

NAME

ESPSPC-213 (warning) Rename module %s into %s%s since name collision with model class

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-214

NAME

ESPSPC-214 (warning) Reset port '%s' (%s) into internal signal since not specified in config file

DESCRIPTION

WHAT NEXT

ESPSPC-215

NAME

ESPSPC-215 (warning) The channel %s of in-lined mos_node %s is 0

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-216

NAME

ESPSPC-216 (warning) Rename %s %s into %s%s since name collision with %s

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-217

NAME

ESPSPC-217 (warning) The channel %s of mos_node %s is 0

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-218

NAME

ESPSPC-218 (warning) resistor %s does not have R parameter, set it to 1

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-219

NAME

ESPSPC-219 (information) Minimum channel width is %gu

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-220

NAME

ESPSPC-220 (information) Minimum channel length is %gu

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-221

NAME

ESPSPC-221 (error) Netlist appears to be unitless, which will likely cause delay calculation errors. Please specify scale factor by adding 'config scale_xtor <f>;' to the config file. To simply disable this message, you can use 'config scale_xtor 1;'

DESCRIPTION

The sizes for transistors in the netlist seem to have no units. Is this design specified with "lambda" rules?

WHAT NEXT

Modify the netlist to include a ".option scale=" command that specifies the scale value for all dimensions.

SEE ALSO

ESPSPC-222

NAME

ESPSPC-222 (warning) Unable to determine process generation. Please specify the minimum feature size with set_process in microns (i.e. 0.016 for 16n)

DESCRIPTION

ESP was not able to determine the process technology node.

WHAT NEXT

1. Check that there are actual transistor devices in the SPICE netlist.
2. Does the SPICE netlist use lambda sizes instead of actual length and width values in meters? If so, provide a netlist that uses ".option scale=<scale factor to meters>" and ".include originalNetlistName".
3. If neither of the previous solutions are appropriate, use the **set_process** command with the -*minimum_feature_size* to specify the actual technology node in microns. 16nm is specified as 0.016.

ESPSPC-223

NAME

ESPSPC-223 (information) Net %s.%s is modeled as virtual supply%c

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-224

NAME

ESPSPC-224 (information) Unwrap %d subckt instances with single transistor

DESCRIPTION

No information is currently available for this error message.

WHAT NEXT

No information is currently available for this error message.

ESPSPC-225

NAME

ESPSPC-225 (information) Ignoring capacitor %s on net %s

DESCRIPTION

WHAT NEXT

ESPSPC-226

NAME

ESPSPC-226 (information) Could not determine capacitance for primitive %s

DESCRIPTION

WHAT NEXT

ESPSPC-301

NAME

ESPSPC-301 (error) Cannot open file '%s' for '%s'

DESCRIPTION

Can not open the file for read or write operation.

WHAT NEXT

Problem needs to be fixed before the simulation can go on.

ESPSPC-302

NAME

ESPSPC-302 (warning) Model '%s' does not have a valid direct read model

DESCRIPTION

Valid direct read model has not been built on the model referred by the design.

WHAT NEXT

Direct read will be disabled.

ESPSPC-303

NAME

ESPSPC-303 (warning) Model '%s' has been specified by "set_process"; no overwritten will be performed

DESCRIPTION

The SPICE netlist has included a model card that contains similar models to the model card(s) specified by **set_process** .

WHAT NEXT

Model information read by **set_process** will not be overwritten by that read by **read_spice** .

ESPSPC-304

NAME

ESPSPC-304 (warning) Model '%s' has not been specified by "set_process"; no direct read will be performed on this model

DESCRIPTION

The SPICE netlist has included a model card that contains additional new models from the model card(s) specified by **set_process** .

WHAT NEXT

Direct read will not be preformed on the model card that is included in the SPICE netlist.

ESPSPC-305

NAME

ESPSPC-305 (warning) .LIB statement encountered in Spice netlist. Further SPICE parse errors may not have correct line numbers.

DESCRIPTION

The SPICE netlist has included a model card.

WHAT NEXT

With *.LIB* in SPICE netlist, further SPICE parsing error messages may not have correct line numbers.

ESPSPC-306

NAME

ESPSPC-306 (warning) Supply voltage(%f) is smaller than the computed threshold voltage(%f). No direct read will be performed on model '%s'

DESCRIPTION

WHAT NEXT

ESPSPC-307

NAME

ESPSPC-307 (warning) 0 sampling points in computing the sheet resistance; no direct read will be performed on model '%s'

DESCRIPTION

The sheet resistance of a MOS model is computed by sampling "Vds" and "Ids" at certain points and give the average value. If no sampling points are found, the sheet resistance can not be computed.

WHAT NEXT

Check whether the supply voltage that has been specified is a reasonable value. Increase the supply voltage if possible.

ESPSPC-308

NAME

ESPSPC-308 (error) Cannot fit transistor '%s' with length '%eu', width '%eu' into a bin of model '%s'. Using 'set_process -non_strict_match' will attempt to use the closest matching bin. However, this may lead to loss of accuracy and could still fail due to floating point exceptions

DESCRIPTION

The transistor cannot strictly fit into any of the available bins of the transistor model, which means the relationships:

```
LMIN+XLREF <= L+XL < LMAX+XLREF
WMIN+XWREF <= W+XW < WMAX+XWREF
```

do not hold.

WHAT NEXT

Check whether the library supplied is the right one for the SPICE deck. Or use **set_process** comand with the *-non_strict_match* switch as a work around to perform non strict match.

ESPSPC-309

NAME

ESPSPC-309 (information) The parameter "%s" has been renamed to "%s"

DESCRIPTION

WHAT NEXT

ESPSPC-310

NAME

ESPSPC-310 (warning) The net "%s" specified in the .CONNECT statment does not exist."

DESCRIPTION

WHAT NEXT

ESPSRC Error Messages

ESPSRC-000

NAME

ESPSRC-000 (information) This happened in file '%s' line '%d'

DESCRIPTION

ESP provides the file name and line number where the error occurred.

WHAT NEXT

Fix the error or contact the Synopsys Technical Support Center for more information.

ESPTB Error Messages

ESPTB-001

NAME

ESPTB-001 (error) No reference or default clock in testbench

DESCRIPTION

There is no reference or default clock in the testbench. If a configuration file was used, no clock was defined in the configuration file. Otherwise, the **create_clock** command was not used.

WHAT NEXT

Run the **create_clock** command to specify a port as the clock pin or specify a clock in the configuration file (if you are using one).

ESPTB-002

NAME

ESPTB-002 (warning) Clock signal not specified in config file '%s', and default name %s used

DESCRIPTION

The configuration file entered through the read_config command did not specify a clock signal. Therefore, the default name is used.

WHAT NEXT

If you want to change the clock signal, use the **reset** command, edit the configuration file, and start again.

ESPTB-003

NAME

ESPTB-003 (error) There are no multiple clocks in the design

DESCRIPTION

The testbench style has been set to clkenum or clkwave, but there are no multiple clocks in the design.

WHAT NEXT

Change the testbench style or fix the number of clocks in the design.

ESPTB-004

NAME

ESPTB-004 (warning) Clock signal not specified in config file '%s' default name %s used

DESCRIPTION

The configuration file entered through the read_config command did not specify a clock signal. Therefore, the default name is used.

WHAT NEXT

If you want to change the clock signal, use the **reset** command, edit the configuration file, and start again.

ESPTB-005

NAME

ESPTB-005 (error) Please specify the macro type sram/rom/cam/macro in config file %s using the config type command

DESCRIPTION

Need to specify the macro type (sram/rom/cam/macro) in the configuration file entered through the read_config command.

WHAT NEXT

Edit the configuration file to include the macro type by using the "configuration type *data*" command. Rerun the read_config command.

ESPTB-006

NAME

ESPTB-006 (information) The testbench has %d symbolic cycles, %d binary cycles, and %d flush cycles in %s

DESCRIPTION

ESP is printing the number of each type of cycle (symbolic, binary, flush) in the testbench.

WHAT NEXT

You can change the cycle number by manually editing the testbench or changing the macro type for the testbench. (See **testbench_style** .

ESPTB-007

NAME

ESPTB-007 (error) Please specify the output testbench file using -tbgen

DESCRIPTION

No output testbench file has been specified.

WHAT NEXT

Rerun the command with the name of the output testbench file specified.

ESPTB-008

NAME

ESPTB-008 (error) Cannot open %s for writing testbench

DESCRIPTION

Cannot open the output testbench file for writing.

WHAT NEXT

Check the path name and file name of the testbench file. Run the command again. If problem persists, contact the Synopsys Technical Support Center.

ESPTB-009

NAME

ESPTB-009 (information) The constraint file %s already exists and will not be overwritten

DESCRIPTION

You cannot overwrite the constraint file that already exists.

WHAT NEXT

To change the constraint file, delete the existing file, generate a new one, and run esptbgen again.

ESPTB-010

NAME

ESPTB-010 (error) Cannot open %s for writing constraint

DESCRIPTION

Cannot open the file for writing constraints.

WHAT NEXT

Check whether the file exists and check the file name, then try again.

ESPTB-011

NAME

ESPTB-011 (warning) Identical top module names found between reference and implementation. Rename implementation to %s

DESCRIPTION

The reference and implementation designs cannot have the same top-level module name. Therefore, the top-level implementation module is renamed.

WHAT NEXT

No action is required. You can change the top-level module name for the implementation design in the implementation netlist. Run the **reset** command and reread the designs.

ESPTB-012

NAME

ESPTB-012 (warning) The top module name for reference design in config file is missing - default name %s is used

DESCRIPTION

If no top-level module name is specified in the configuration file for the reference design, the default name is used.

WHAT NEXT

If you want to change the default name, add the top-level module name to the configuration file using the **ref top <*moduleName*>;** command, and re-read the configuration file.

ESPTB-013

NAME

ESPTB-013 (warning) The top module name for design implementation in config file is missing - default name %s is used

DESCRIPTION

If no top-level module name is specified in the configuration file for the implementation design, the default name is used.

WHAT NEXT

If you want to change the default name, add the top-level module name to the configuration file using the **imp top <*moduleName*>;** command and reread the configuration file.

ESPTB-014

NAME

ESPTB-014 (error) The units for timeunit or time precision are missing

DESCRIPTION

The units for time unit and time precision are needed to specify the `timescale. One or both of these units is missing.

WHAT NEXT

Specify the time unit and time precision.

ESPTB-015

NAME

ESPTB-015 (error) Wrong order of port mapping signals for SPICE signal %s<%d:%d>

DESCRIPTION

Incorrect order of port mapping signals for the given SPICE signal.

WHAT NEXT

If appropriate, flip the signal order in the configuration file.

ESPTB-016

NAME

ESPTB-016 (error) Port mapping between Testbench signal '%s' and Top level imp signals range mismatch

DESCRIPTION

Error occurred during port mapping. There is a range mismatch between the testbench signal and top-level implementation design signals.

WHAT NEXT

Check the range of the testbench signal and verify that it is being mapped to the correct implementation design signal.

ESPTB-017

NAME

ESPTB-017 (information) The constraint file %s already exists and will be included in testbench

DESCRIPTION

The constraint file already exists and is included in the testbench.

WHAT NEXT

To change the constraint file, delete the existing file and generate a new one. Next, rerun the esptbgen utility.

ESPTB-018

NAME

ESPTB-018 (error) Cannot open the constraint file %s, please check if it exists or the filename is correct

DESCRIPTION

Unable to open the constraint file.

WHAT NEXT

Check that the file exists and that the the file and path name are correct.

ESPTB-019

NAME

ESPTB-019 (information) The constraint file %s already exists and will not be overwritten

DESCRIPTION

The constraint file already exists and cannot be overwritten.

WHAT NEXT

To change the constraint file, delete the existing file and generate a new one. Next, rerun the esptbgen utility.

ESPTB-020

NAME

ESPTB-020 (error) Cannot open %s for writing constraint

DESCRIPTION

Cannot open the file for writing constraints.

WHAT NEXT

Check whether the file exists and check the file name, then try again.

ESPTB-021

NAME

ESPTB-021 (information) The initialization file %s already exists and will be included in testbench

DESCRIPTION

The initialization file already exists and is included in testbench.

WHAT NEXT

To change the initialization file, delete the file, generate a new one, and run esptbgen again.

ESPTB-022

NAME

ESPTB-022 (error) Cannot open the initialization file %s, please check if it exists or the filename is correct

DESCRIPTION

Cannot open the initialization file.

WHAT NEXT

Check whether the file exists and check the file name, then try again.

ESPTB-023

NAME

ESPTB-023 (warning) There are %d clock signals, and more than two clocks are not fully enumerated in the clock enumeration test

DESCRIPTION

Only two clocks are allowed to be enumerated in the clock enum test. The other clocks are ignored.

WHAT NEXT

If applicable, edit the number of clocks.

Otherwise, contact the Synopsys Technical Support Center.

ESPTB-024

NAME

ESPTB-024 (error) There are more than one port mapping for clock signal %s, and it is not supported in the config file. Please look up the reference manual for multiple port mapping approaches

DESCRIPTION

There is more than one port mapping for a given clock and it is not supported in the configuration file.

WHAT NEXT

For information about multiple port mapping approaches, see the documentation.

ESPTB-025

NAME

ESPTB-025 (error) There are more than one port mapping for signal %s, and it is not supported in the config file. Please look up the reference manual for multiple port mapping approaches

DESCRIPTION

There is more than one port mapping for the given signal, which is not supported in the configuration file.

WHAT NEXT

For more information about multiple port mapping approaches, see the documentation.

ESPTB-026

NAME

ESPTB-026 (warning) Clock signal not specified. Default name %s used.

DESCRIPTION

No clock signal was specified through the **create_clock** command or the configuration file. There ESP is

using a default clock.

WHAT NEXT

If you want to change the clock signal, do a **reset** , then:

- run the **create_clock** command after the **match_design_ports** command, OR
- edit the configuration file and start again

ESPTB-027

NAME

ESPTB-027 (error) Clock bus bits cannot be individually specified as clocks at line %d of %s. Specify the whole bus as a clock instead

DESCRIPTION

WHAT NEXT

ESPTB-028

NAME

ESPTB-028 (information) Testbench assign_buffer_values lifted out of apply_global_constraints

DESCRIPTION

WHAT NEXT

ESPTB-029

NAME

ESPTB-029 (fatal) Internal: %s

DESCRIPTION

Internal Fatal error.

WHAT NEXT

ESPTB-030

NAME

ESPTB-030 (error) Address pin %s already exists, and more than one address pins for port %d is not supported, please specify as control signals

DESCRIPTION

Only one address pin is supported for the given port.

WHAT NEXT

Specify the extra pin(s) as control signal(s) with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-031

NAME

ESPTB-031 (warning) Write enable %s already exists, and more write enables for port %d should be specified as control signals

DESCRIPTION

Only one write enable is supported for the given port.

WHAT NEXT

Specify the extra pin(s) as control signal(s) with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-032

NAME

ESPTB-032 (warning) Chip enable %s already exists, and more chip enables for port %d should be specified as control signals

DESCRIPTION

Only one chip enable is supported for the given port.

WHAT NEXT

Specify more chip enable(s) as control signal(s) with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-033

NAME

ESPTB-033 (warning) Read enable %s already exists, and more read enables for port %d should be specified as control signals

DESCRIPTION

Only one read enable is supported for the given port.

WHAT NEXT

Specify more read enable(s) as control signal(s) with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-034

NAME

ESPTB-034 (warning) Output enable %s already exists, and more output enables for port %d should be specified as control signals

DESCRIPTION

Only one output enable is supported for the given port

WHAT NEXT

Specify more output enable(s) as control signal(s) with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-035

NAME

ESPTB-035 (error) Port %d has write enable %s, but does not have data input

DESCRIPTION

If write enable has been specified for the given port, the data input must also be specified.

WHAT NEXT

Specify the data input with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-036

NAME

ESPTB-036 (error) Port %d has data input %s, but does not have write enable

DESCRIPTION

If data input has been specified for the given port, the write enable must also be specified.

WHAT NEXT

Specify the write enable with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-037

NAME

ESPTB-037 (error) Port %d has read enable %s, but does not have output pin

DESCRIPTION

If read enable has been specified for the given port, the output pin must also be specified.

WHAT NEXT

Specify the output pin with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-038

NAME

ESPTB-038 (error) Port %d has output enable %s, but does not have output pin

DESCRIPTION

If output enable has been specified for the given port, the output pin must also be specified.

WHAT NEXT

Specify the output pin with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-039

NAME

ESPTB-039 (information) Total %d port(s) specified, %d write only port(s), %d read only port(s), and %d read/write port(s)

DESCRIPTION

Reports the total number of ports, the write only, the read only, and the read/write ports.

WHAT NEXT

If any of the number looks wrong, check the configuration file, or check the configuration/testbench commands entered through the Tcl interface.

ESPTB-040

NAME

ESPTB-040 (warning) Active low/high is not specified for %s, default is active high

DESCRIPTION

Since active low/high is not specified for the given pin, the default is active high.

WHAT NEXT

Change the value with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-041

NAME

ESPTB-041 (error) Active low/high is not specified for %s, it must be specified for constant signals for possible severe impact on verification result

DESCRIPTION

Active low/high is not specified for the given pin. It must be specified for constant signals for possible severe impact on verification result.

WHAT NEXT

Specify active high/low for the pin with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-042

NAME

ESPTB-042 (warning) There should be write enable signal(s) for SRAM

DESCRIPTION

You should specify write enable signals for SRAM style testbenches.

WHAT NEXT

Specify the write enable signals with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-043

NAME

ESPTB-043 (warning) There should be address signal(s) for SRAM

DESCRIPTION

You should specify address signals for SRAM style testbenches.

WHAT NEXT

Specify the address signals with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-044

NAME

ESPTB-044 (warning) There should be data signal(s) for SRAM

DESCRIPTION

Data signals should be specified for SRAM style testbenches.

WHAT NEXT

Specify the data signals with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-045

NAME

ESPTB-045 (warning) There should be address signal(s) for ROM

DESCRIPTION

You should specify address signals for ROM style testbenches.

WHAT NEXT

Specify the address signals with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-046

NAME

ESPTB-046 (warning) There should be write enable signal(s) for CAM

DESCRIPTION

You should specify write enable signals for CAM style testbenches.

WHAT NEXT

Specify the write enable signals with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-047

NAME

ESPTB-047 (warning) There should be address signal(s) for CAM

DESCRIPTION

You should specify address signals for CAM style testbenches.

WHAT NEXT

Specify the address signals with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-048

NAME

ESPTB-048 (warning) There should be data signal(s) for CAM

DESCRIPTION

You should specify the data signals for CAM style testbenches.

WHAT NEXT

Specify the data signals with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-049

NAME

ESPTB-049 (warning) There should be match enable signal(s) for CAM

DESCRIPTION

You should specify match enable signals for CAM style testbenches.

WHAT NEXT

Specify the match enable signals with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-050

NAME

ESPTB-050 (error) Signal %s belongs to different clock domains with differing period, %s(period=%g) vs. %s(period=%g), which is not supported

DESCRIPTION

A signal cannot belong to different clock domains with differing period.

WHAT NEXT

Pick one clock domain and associate the signal with only that particular clock domain by editing the configuration file.

ESPTB-051

NAME

ESPTB-051 (warning) Output signal %s is specified both in port %d and port %d

DESCRIPTION

The given output signal is specified in two ports.

WHAT NEXT

If you would like to change the output signal to just one port, edit the configuration file.

ESPTB-052

NAME

ESPTB-052 (error) Non-output signal %s is specified in port %d and port %d, and it should be changed into a global pin, i.e., not belong to any port group

DESCRIPTION

The given non-output signal is specified in two ports.

WHAT NEXT

Change the signal into a global pin because it should not belong to any port group.

ESPTB-053

NAME

ESPTB-053 (warning) Skipping clock enum and multiple clock waveform tests as clocks %s and %s specified in portgroup statement have same period

DESCRIPTION

If there are common outputs for two different clocks with the same period, continue generating data integrity and protocol tests, but skip the clock enum, clock skew, and multiple clock waveform tests.

WHAT NEXT

You can edit the configuration file so that the output signal corresponds with only one clock domain.

ESPTB-054

NAME

ESPTB-054 (error) Port %s specified in config busgroup command has different direction than other ports

DESCRIPTION

The given port specified in the configuration bus group command has different direction than the other ports.

WHAT NEXT

Fix the port direction.

ESPTB-055

NAME

ESPTB-055 (error) Port %s specified in config busgroup command has different functional attribute than other ports

DESCRIPTION

The given port specified in the configuration bus group command has different functional attribute than other ports.

WHAT NEXT

Edit the functional attribute of the port.

ESPTB-056

NAME

ESPTB-056 (error) Port %s specified in config busgroup command should be scalar

DESCRIPTION

Ports specified in the configuration bus group command should be scalar.

WHAT NEXT

Check whether this port should be part of the configuration bus group command.

ESPTB-057

NAME

ESPTB-057 (warning) Port %s specified in config busgroup command can only be input or inout. Command ignored

DESCRIPTION

Ports specified in configuration bus group command can be only input or inout. Therefore, this command is ignored.

WHAT NEXT

Check the port type and, if necessary, edit it. After editing the port information, rerun the configuration file.

ESPTB-058

NAME

ESPTB-058 (warning) Active low/high is not specified for %s, it is changed into active high for mask signals

DESCRIPTION

Because you have not specified the active low/high, the pin is changed into active high for mask signals.

WHAT NEXT

You can change the default value with the **set_testbench_pin_attributes** command in the Tcl interface.

ESPTB-059

NAME

ESPTB-059 (error) Port %s specified in config busgroup command can only be address or data ports

DESCRIPTION

Ports specified in the configuration bus group command can be only an address or data ports.

WHAT NEXT

Check the port attributes and, if necessary, change them. Otherwise, remove the configuration bus group command.

ESPTB-060

NAME

ESPTB-060 (error) No port coverage testbench generated

DESCRIPTION

No port coverage testbench was generated because there were not enough port groups specified. You must have two or more port groups specified before a port coverage testbench can be generated.

WHAT NEXT

Check your configuration file or your Tcl commands to see if you have specified port groups for each of your top level signals.

The **set_portgroup** command is used to define port group names that can be used by the **set_testbench_pin_attributes** -*portgroup* command to assign testbench pins to the appropriate port group name.

ESPTB-060

NAME

ESPTB-061 (warning) Requested 3 check ignored because two phase testbench style required

DESCRIPTION

The 3 check testbench is generated by default or if the user specifically requests it via the **testbench_output_checks** application variable in the Tcl shell or using the -*3check* command line option in the legacy tool esptbgen.

If the user also uses a configuration file which specifies the *phase1* or *phase2* property on the port statements, then a two phase style testbench will be generated which is not compatible with the 3 check testbench style.

This warning message indicates that the 3 check testbench will not be generated.

WHAT NEXT

This is just a warning in case you were expecting to have only the 3 check testbenches generated. If that is the case and you are using a configuration file, for example in the read_config command, then you need to remove any *phase1* and *phase2* keywords in the configuration file.

ESPTB-062

NAME

ESPTB-062 (warning) Limit total number of %s cycles to %d

DESCRIPTION

WHAT NEXT

ESPTB-063

NAME

ESPTB-063 (error) No primary clock specified

DESCRIPTION

WHAT NEXT

ESPTB-064

NAME

ESPTB-064 (warning) No primary clock specified. Promoted clock "%s" to primary clock

DESCRIPTION

WHAT NEXT

ESPTB-065

NAME

ESPTB-065 (error) Clock phase=%g is less than Setup Time=%g. Check clock period and setup time definition

DESCRIPTION

Clock phase has to be greater than the setup/hold time so that data is applied within each clock phase.

WHAT NEXT

Redo command with a reduced setup/hold time or increase the clock period so that the clock phase is greater than the setup/hold time.

ESPTB-066

NAME

ESPTB-066 (error) Setup time (%g) plus Assert time (%g) is greater than or equal to Clock phase %g

DESCRIPTION

Setup time plus assert time must be less than the clock phase so that data is applied within the appropriate clock phase.

WHAT NEXT

Redo command with a reduced setup/hold time or increase the clock period so that the clock phase is greater than the twice the setup/hold time.

ESPUI Error Messages

ESPUI-004

NAME

ESPUI-004 (error) Failed to execute command

DESCRIPTION

ESP issued an internal system command returning a non-zero error exit.

WHAT NEXT

Check that you have enough disk space, the network environment is working correctly, and all system resources are available.

If the failure reoccurs, save the log and output files. Submit these files to the Synopsys Technical Support Center.

ESPUI-005

NAME

ESPUI-005 (fatal) Cannot access directory '%s'

DESCRIPTION

The specified directory cannot be found.

WHAT NEXT

Ensure that you have access to create or modify the directory.

ESPUI-008

NAME

ESPUI-008 (error) '%s' is required for %s

DESCRIPTION

The **report_log** command was used before a **check_design** or **verify** has been done and there is no log file to report on.

WHAT NEXT

Only use the **report_log** command after running **check_design** or **verify** .

ESPUI-009

NAME

ESPUI-009 (error) Command '%s' can only be executed once in a verification session. Use 'reset' to start a new session.

DESCRIPTION

The specified command was used more than once since the start of the session or since using the reset command.

WHAT NEXT

Check the command log to see if the same command has already successfully completed since the last reset command. You can use this command only once during a session. Consolidate all files into one file and use the command only once.

Use the reset command to restart the session and remove all data from all containers. Start again.

ESPUI-010

NAME

ESPUI-010 (error) Command '%s' can only be executed %s

DESCRIPTION

The specified command has not met the conditions required for it to begin execution.

WHAT NEXT

ESP Tcl commands have dependencies on previous commands being executed and some commands must execute after other commands. For more information about this command and its requirements, see the specific man page.

ESPUI-011

NAME

ESPUI-011 (fatal) Caught signal '%d', exiting!

DESCRIPTION

WHAT NEXT

ESPUI-012

NAME

ESPUI-012 (error) File '%s' already exists - use '-replace' to overwrite

DESCRIPTION

The save session command cannot overwrite an existing file. To force overwriting of an existing file, use the *-replace* option.

WHAT NEXT

Check the file name where you are attempting to save the session. Ensure that you are using the correct file name. If it is correct, then add the *-replace* option to overwrite the existing file.

ESPUI-013

NAME

ESPUI-013 (error) Session file '%s.fes' is corrupted

DESCRIPTION

The saved session file could not be read successfully and the current session information is invalid prior to running this command.

WHAT NEXT

Ensure that the file name you specified for the restore is correct.

ESPUI-016

NAME

ESPUI-016 (error) %s session file format cannot be restored.

DESCRIPTION

WHAT NEXT

ESPUI-020

NAME

ESPUI-020 (error) Read commands, (read_db and read_verilog) can only be executed once in a verification session. Use 'reset' to start a new session.

DESCRIPTION

You can use the **read_db** and **read_verilog** commands only once before a verify command.

WHAT NEXT

Use the **reset** command to clear the reference container. Use the *-r* option to clear just the reference container. Next, reread the Verilog or db file. Otherwise, you can reset the session, which clears both containers, and redo all of the commands.

ESPUI-026

NAME

ESPUI-026 (error) Cannot execute '%s'.

DESCRIPTION

The **start_waveform_viewer** command encountered an error when trying to start up the waveform viewer specified in the **waveform_viewer** Tcl variable. The error message shows the waveform viewer command that was used, but failed to start execution.

WHAT NEXT

Check that the proper executable name was specified and correct the value specified in the **waveform_viewer** Tcl variable.

ESPUI-027

NAME

ESPUI-027 (warning) Testbench "%s" could not be removed because it was not present.

DESCRIPTION

The testbench specified by the **remove_testbench** command does not exist; therefore, you cannot remove it.

WHAT NEXT

Check the name of the testbench specified on the **remove_testbench** command to make sure that you specified the correct testbench name.

ESPUI-030

NAME

ESPUI-030 (error) No testbench files have been specified for verification.

DESCRIPTION

No testbenches are scheduled for verification; therefore, the **verify** command cannot complete.

WHAT NEXT

This condition might have occurred because you have removed all testbenches, have not made a testbench active, or have failed to create a testbench.

If you have testbenches that have been created by the **write_testbench** command or you have external testbenches specified by the **set_testbench** command, you can list the active testbenches by using the **list_active_testbench** command.

To set a testbench active, use the **set_active_testbench** command. Next, rerun the **verify** command to verify the list of active testbenches.

ESPUI-031

NAME

ESPUI-031 (error) Verification failed.

DESCRIPTION

The current testbench failed.

WHAT NEXT

You can do any of the following:

- Use the **report_log** command to get more information.
- Use the **debug_design** command to run the failed testbench in binary mode with the error vector.
- Use the **start_explore** command to enter the interactive signal tracing mode to debug the design.
- Use the **explore_with_viewer** command to enter Verdi and use interactive signal tracing mode with a graphical viewer to debug the design.

ESPUI-032

NAME

ESPUI-032 (error) Verification aborted due to %s.

DESCRIPTION

The current verification run was aborted due to capacity, oscillation, or abnormality.

WHAT NEXT

Use the **report_log** command to get more information about the error. For more information about this error, see the documentation or contact the Synopsys Technical Support Center.

ESPUI-033

NAME

ESPUI-033 (information) Verification succeeded.

DESCRIPTION

No errors found. The verification finished successfully.

WHAT NEXT

You can view the simulation run log files in the ESP_WORK directory or the user-defined directory. You can also run the **report_log** command.

ESPUI-035

NAME

ESPUI-035 (information) %s still processing...

DESCRIPTION

The background process is still running. Waiting to receive data.

WHAT NEXT

The program is still running. No action is required.

ESPUI-036

NAME

ESPUI-036 (error) %s background process!

DESCRIPTION

Cannot launch the background process that is needed to run the interactive signal tracing mode.

WHAT NEXT

Contact the Synopsys Technical Support Center for help.

ESPUI-037

NAME

ESPUI-037 (error) There are no failing compare points to debug.

DESCRIPTION

Can only run the debugging command if verification failed.

WHAT NEXT

If verification has passed, you cannot use any debugging commands. If verification has failed and you receive this error, contact the Synopsys Technical Support Center.

ESPUI-038

NAME

ESPUI-038 (error) Currently not in interactive signal tracing mode.

DESCRIPTION

The interactive signal tracing mode has to be started before using any of its mode commands.

WHAT NEXT

If verification has failed, start the interactive signal tracing mode by using the **start_explore** command.

ESPUI-039

NAME

ESPUI-039 (error) The background process is not open for writing.

DESCRIPTION

The interactive signal tracing process has crashed.

WHAT NEXT

Run the **stop_explore** command then run the **start_explore** command to restart the interactive signal tracing process. If the problem persists, contact the Synopsys Technical Support Center.

ESPUI-040

NAME

ESPUI-040 (error) Error: write error to pipe.

DESCRIPTION

WHAT NEXT

ESPUI-041

NAME

ESPUI-041 (error) The background process has ended.

DESCRIPTION

The interactive signal tracing process has crashed.

WHAT NEXT

Restart the interactive signal tracing process by using the **start_explore** command. If this does not work, run the **stop_explore** command to stop the process, then run the **start_explore** command again.

ESPUI-042

NAME

ESPUI-042 (error) The explore process has terminated. %s.

DESCRIPTION

The interactive signal tracing process has crashed.

WHAT NEXT

Restart the interactive signal tracing process by using the **start_explore** command.

ESPUI-043

NAME

ESPUI-043 (error) Top level design has not been set yet.

DESCRIPTION

Do not know the top-level module name for the design.

WHAT NEXT

Use the **set_top_design** command to set the top-level module name.

ESPUI-044

NAME

ESPUI-044 (warning) Testbench ID "%s" not found. Use report_testbench to show available testbenches.

DESCRIPTION

The testbench ID that you entered using the -tbid option is incorrect.

WHAT NEXT

Reenter the command using a valid testbench ID.

ESPUI-045

NAME

ESPUI-045 (warning) Testbench path "%s" not found. Use report_testbench to show available testbenches.

DESCRIPTION

The testbench path that you entered using the -testbench option is incorrect.

WHAT NEXT

Reenter the command using a valid testbench path.

ESPUI-046

NAME

ESPUI-046 (error) Could not remove %s file %s

DESCRIPTION

Cannot remove specified file.

WHAT NEXT

This is an internal file that can not be affected by the user.

ESPUI-048

NAME

ESPUI-048 (error) Reading of behavioral model %s failed.

DESCRIPTION

Cannot read the behavioral model.

WHAT NEXT

Ensure that the correct file was entered. Check for any parse errors in the behavioral model.

ESPUI-050

NAME

ESPUI-050 (information) Cleared container(s) %s.

DESCRIPTION

The containers mentioned in the message have been cleared.

WHAT NEXT

If you need these cleared containers, reload them.

ESPUI-051

NAME

ESPUI-051 (information) Ignoring option %s on pin %s for matched design '%s' because %s.

DESCRIPTION

Options on set_testbench_pin_attributes command apply to specific testbench constructs. Some apply to inputs and some apply to outputs. Some are used during symbolic cycles only and others are used in all cycles. Setting an option which is not applicable to the testbench port configuration is not allowed. A warning message will be issued and the option value will be ignored.

WHAT NEXT

Check to see if the correct testbench pin is being set, otherwise nothing is required to be changed since the option is ignored.

ESPUI-052

NAME

ESPUI-052 (warning) Ignoring option %s on pin %s for matched design '%s' because %s.

DESCRIPTION

Options on set_testbench_pin_attributes command apply to specific testbench constructs. Some apply to inputs and some apply to outputs. Some are used during symbolic cycles only and others are used in all cycles. Setting an option which is not applicable to the testbench port configuration is not allowed. A warning message will be issued and the option value will be ignored.

WHAT NEXT

Check to see if the correct testbench pin is being set, otherwise nothing is required to be changed since the option is ignored.

ESPUI-053

NAME

ESPUI-053 (error) The testbench "%s" does not exist.

DESCRIPTION

Either the testbench name or the path that you entered using the -testbench option is incorrect.

WHAT NEXT

Check that the testbench path and name that you are attempting to enter exist. Reenter the command with the correct -testbench option.

ESPUI-055

NAME

ESPUI-055 (error) Failed to save session!

DESCRIPTION

The **save_session** command failed.

WHAT NEXT

Reenter the command. If problem persists, contact the Synopsys Technical Support Center.

ESPUI-056

NAME

ESPUI-056 (information) Wrote file '%s.fes'.

DESCRIPTION

The **save_session** command succeeded and created a saved session file.

WHAT NEXT

You can exit the session, if desired. Use the **restore_session** command to load the saved session information at another time.

ESPUI-057

NAME

ESPUI-057 (error) Verification has not been run on testbench "%s".

DESCRIPTION

The specified testbench exists, but does not contain verification results.

WHAT NEXT

Check to see if the correct testbench was specified and if verification has been run on that testbench. To check testbench status, use the **report_status** command.

If the testbench has not been verified, set the active status of the testbench using the **set_active_testbench** command. Next, run the **verify** command.

ESPUI-058

NAME

ESPUI-058 (error) Unable to locate design '%s'.

DESCRIPTION

Cannot find the design name that you entered in the **current_design** command or with the *-design* option for a command.

WHAT NEXT

Check the design name and rerun the command.

ESPUI-059

NAME

ESPUI-059 (error) Cannot find design '%s'.

DESCRIPTION

Cannot find the specified top-level design name.

WHAT NEXT

Check the name of the top-level module and run the command again.

ESPUI-060

NAME

ESPUI-060 (error) A SPICE netlist design has not been read yet.

DESCRIPTION

You must read in the SPICE netlist design before running this command.

WHAT NEXT

Read in the SPICE netlist design and run this command again.

ESPUI-061

NAME

ESPUI-061 (information) Clock Name not entered, updating default parameters.

DESCRIPTION

No clock name has been provided; therefore, the default clock is used.

WHAT NEXT

If you want a specific pin added as a clock, run the command again with a clock name.

ESPUI-062

NAME

ESPUI-062 (error) %s

DESCRIPTION

This error is caused while running the command that configures the process parameters needed to compute delays in RC mode.

WHAT NEXT

Follow the instructions in the error message to correctly specify the process parameters.

ESPUI-063

NAME

ESPUI-063 (error) Cannot use this mode after Tech File or Process params mode.

DESCRIPTION

You cannot use the *-minimum_feature_size* option of **set_process** after the technology file or process parameters option.

WHAT NEXT

To use the *-minimum_feature_size* option, run the **reset_process** command and then run the **set_process** command again.

ESPUI-064

NAME

ESPUI-064 (error) Cannot use this mode after Tech File\n

DESCRIPTION

You cannot set the individual process parameters after using the technology file option.

WHAT NEXT

To set individual process parameters, run the **reset_process** command and then run the **set_process** command again.

ESPUI-065

NAME

ESPUI-065 (error) A model in the technology file conflicts with a previously defined type.

DESCRIPTION

This error occurs if a model has already been defined by running the **set_device_model** command.

WHAT NEXT

Check the technology file or run the **reset_device_model** command to reset the previously defined type.

ESPUI-066

NAME

ESPUI-066 (error) %s is an invalid technology file. Please use only espmodelgen output files.

DESCRIPTION

You entered an invalid technology file name. Only the device model simulation output files are allowed.

WHAT NEXT

Check the technology file name and run the command again with the correct file.

ESPUI-067

NAME

ESPUI-067 (error) 'set_device_model' must be run before \'read_spice\',

DESCRIPTION

The SPICE netlist should be read after running the **set_device_model** command.

WHAT NEXT

Run the **reset** command. Next, run the **set_device_model** command before reading in the SPICE netlist.

ESPUI-068

NAME

ESPUI-068 (error) "%s" is not a valid model type. Please use one of the following :\n\t%s

DESCRIPTION

You have entered an invalid model type.

WHAT NEXT

To run the command, use one of the model types listed in the error message.

ESPUI-069

NAME

ESPUI-069 (error) Primitive type must be defined (nmos,pmos,diode).

DESCRIPTION

Before setting any of the other parameters, you must define the primitive type as nmos, pmos, or diode by using the *-type* option of **set_device_model** .

WHAT NEXT

Run the **set_device_model** command with the *-type* option defined. You can enter the remaining parameters simultaneously or by running the **set_device_model** command again.

ESPUI-070

NAME

ESPUI-070 (error) %s

DESCRIPTION

One of the rules for defining the model parameters has been violated.

WHAT NEXT

Follow the instructions in the error message and run the **set_device_model** command again.

ESPUI-071

NAME

ESPUI-071 (information) No process information has been defined.

DESCRIPTION

No process information has been defined.

WHAT NEXT

Run the **set_process** command to define specific process information.

ESPUI-072

NAME

ESPUI-072 (information) No device models defined. All devices will use global parameters.

DESCRIPTION

No device model parameters have been defined through the **set_device_model** command. All devices will use global parameters.

WHAT NEXT

Edit the device model parameters by running the **set_device_model** command.

ESPUI-073

NAME

ESPUI-073 (error) Could not locate design '%s'.

DESCRIPTION

Cannot locate the design where the net pair should exist.

WHAT NEXT

Check the design name and rerun the **set_state_net_pair** command with the correct design name in the *-design* option.

ESPUI-074

NAME

ESPUI-074 (error) Could not locate net "%s" in design '%s'.

DESCRIPTION

One of the nets entered in the **set_state_net_pair** command is incorrect or it is not part of the specified design.

WHAT NEXT

Check the net name to see if it is part of the specified design and rerun the command again.

ESPUI-075

NAME

ESPUI-075 (warning) Value of "%s" for waveform_format is not one of vcd or fsdb. Using value of vcd.

DESCRIPTION

The waveform format specified via the **waveform_format** variable is not supported. The valid formats are vcd or fsdb. The default vcd format is being used.

WHAT NEXT

The default format is vcd. To change the format, set the **waveform_format** to fsdb.

ESPUI-076

NAME

ESPUI-076 (error) SPICE top subckt cannot be determined.

DESCRIPTION

ESP could not determine the top-level subcircuit in the SPICE netlist.

WHAT NEXT

Use the **set_top_design** command to declare the top-level subcircuit.

ESPUI-077

NAME

ESPUI-077 (warning) Please enter the SPICE Design.

DESCRIPTION

You are querying properties of the implementation netlist, but it has not yet been successfully read.

WHAT NEXT

Use the **read_spice** command to input a SPICE netlist. If you have already done this, review the error messages generated by the **read_spice** command to find out why the command failed.

ESPUI-078

NAME

ESPUI-078 (information) Use command "report_log" for more information.

DESCRIPTION

You can use the **report_log** command to view the run log from the most recent simulation. This usually give you more information about the reasons the simulation failed. It also allows you to validate output from a passing run.

WHAT NEXT

Run **report_log** . If the report is too long then try

```
redirect -file verify.log report_log
```

to get the log file into a file that you can view with an editor.

ESPUI-079

NAME

ESPUI-079 (error) Writing of ESP db file failed.\nPossible problems are Tcl commands not used prior to reading SPICE\nto specify bus delimiters or identify primitive models.

DESCRIPTION

ESP encountered an error in writing the ESP db file. Check other error or warning messages to see if they provide a specific cause for the failure.

WHAT NEXT

A common cause for this error is an unspecified SPICE model device types. If this is the cause, use the **set_device_model** -i -type [nmos|pmos] command. You might also get this message if your file system is full or if you do not have write permissions for the work directory. Check the file system and working

directory.

ESPUI-080

NAME

ESPUI-080 (warning) Please enter the Verilog Design.

DESCRIPTION

You are querying properties of the Verilog reference model, but the model has not yet been successfully read.

WHAT NEXT

Use the **read_verilog** command to input a Verilog netlist. If you have already done this, review the error messages generated by the **read_verilog** command to find out why it failed.

ESPUI-081

NAME

ESPUI-081 (warning) Ignoring setting function supply on pin %s for matched design '%s'. Port is not a real supply port.

DESCRIPTION

A testbench pin connected to a real supply net in either design, which was defined using the set_supply_net command, is automatically set to the function supply. You can not set the function supply on a testbench pin that is not connected to a real supply net. Attempts to set a function value to supply on a net not connected to a real supply is not allowed. A warning message is issued and the function value is not applied.

WHAT NEXT

Check to see if the correct testbench pin is being set, otherwise nothing is required to be changed.

ESPUI-082

NAME

ESPUI-082 (error) Given Subckt not found in any of the Subckt types.

DESCRIPTION

The specified design has not had it's SPICE mode set by a previous **set_design_spice_mode** command. The design uses the same SPICE mode as its parent design or if this design is the top level, it uses the global SPICE mode.

The **report_design_spice_mode** command reports any SPICE mode that has been set for a design.

WHAT NEXT

You can continue but you should check the output of previous the **set_design_spice_mode** commands to see why the mode you intended to reset was not present.

ESPUI-083

NAME

ESPUI-083 (error) Cannot set this constraint on real supply port %s.

DESCRIPTION

A real supply net has its active logic value defined with the set_supply_net command. Attempts to change the value with the set_constraint command is not allowed. If the constraint value is not the same as the active value, an error message is issued and the command is ignored.

WHAT NEXT

Check to see if the correct testbench pin is being set, otherwise nothing is required to be changed.

ESPUI-084

NAME

ESPUI-084 (information) Setting constraint on real supply port %s to supply value is ignored.

DESCRIPTION

A real supply net has its active logic value defined with the set_supply_net command. Attempts to change the value with the set_constraint command is not allowed. If the constraint value is the same as the active value, an informative message is issued and the constraint is not applied.

WHAT NEXT

Check to see if the correct testbench pin is being set, otherwise nothing is required to be changed.

ESPUI-085

NAME

ESPUI-085 (information) Bus Compression turned off for subckt "%s".

DESCRIPTION

Bus compression has been disabled for this subcircuit.

WHAT NEXT

If you want to enable bus compression again for this subcircuit, use the **set_design_bus_compression** *-on <design>* command.

ESPUI-086

NAME

ESPUI-086 (information) Bus Compression already turned on for subckt.

DESCRIPTION

Bus compression is already enabled for this subcircuit. By default, bus compression is applied, so there is no need to individually enable it for all subcircuits.

WHAT NEXT

If this occurred while running a script, you should remove this command.

ESPUI-087

NAME

ESPUI-087 (error) Primitive '%s' not found.

DESCRIPTION

This device model does not exist or it was automatically recognized and translated into a default model.

WHAT NEXT

Verify the name of the model (it is case sensitive). If the model exists in your SPICE netlist, it might have been automatically mapped to a default NMOS or PMOS type default device when using the **read_spice** command. Devices whose names begin with *n* or *p* are automatically recognized. To enable control of the parameters of this device model independent of other models of the same type, you must use the **set_device_model** command before using the **read_spice** command.

ESPUI-088

NAME

ESPUI-088 (warning) Ignoring option %s on pin %s for matched design '%s' because specified value does not match real supply logic value.

DESCRIPTION

A real supply net has its active logic value defined with the set_supply_net command. Attempts to change the value with the set_testbench_pin_attribute command options -value or -allow are not allowed. If the value is not the same as the active value, a warning message is issued and the value is ignored.

WHAT NEXT

Check to see if the correct testbench pin is being set, otherwise nothing is required to be changed.

ESPUI-089

NAME

ESPUI-089 (warning) Ignoring setting port function to %s because port %s for matched design '%s' is a real supply port.

DESCRIPTION

A testbench pin connected to a real supply net in either design, which was defined using the set_supply_net command, is automatically set to the function supply. That testbench pin will only be driven by the active supply value defined for the supply nets being connected to. Attempts to set a function value, other than supply, is not allowed. A warning message is issued and the function value is not changed.

WHAT NEXT

Check to see if the correct testbench pin is being set, otherwise nothing is required to be changed.

ESPUI-090

NAME

ESPUI-090 (information) Setting %s on supply pin %s for matched design '%s' is not required since it matches the supply logic value.

DESCRIPTION

A real supply net has its active logic value defined with the set_supply_net command. Attempts to change the value with the set_testbench_pin_attribute command options -value or -allow are not allowed. If the same value as the active value is used, an informative message is issued and the value is ignored.

WHAT NEXT

Check to see if the correct testbench pin is being set, otherwise nothing is required to be changed.

ESPUI-091

NAME

ESPUI-091 (error) Supply name not Found.

DESCRIPTION

You cannot remove a supply that has not been defined.

WHAT NEXT

Check for typos and capitalization because the name is case-sensitive.

ESPUI-092

NAME

ESPUI-092 (error) Net "%s" not found in design '%s'.

DESCRIPTION

The subcircuit is valid, but the specified net does not exist inside.

WHAT NEXT

Check the net name for typos because it is case sensitive.

ESPUI-093

NAME

ESPUI-093 (error) SPICE subckt %s.%s does not exist.

DESCRIPTION

ESP cannot find this instance inside the given subcircuit in the SPICE netlist.

WHAT NEXT

Check for typos because it case-sensitive. Make sure you have successfully read in the SPICE netlist. If the name contains special characters, you may need to precede these characters with backslashes to avoid having them interpreted by the Tcl shell.

ESPUI-094

NAME

ESPUI-094 (error) Implementation design %s does not exist.

DESCRIPTION

ESP cannot locate the specified subcircuit in your implementation netlist.

WHAT NEXT

Check for typographical mistakes and make sure you have successfully read in a SPICE netlist using the **read_spice** command.

ESPUI-095

NAME

ESPUI-095 (error) Instance already removed.

DESCRIPTION

The instance you are trying to remove has already been removed by an earlier command.

WHAT NEXT

ESPUI-096

NAME

ESPUI-096 (warning) Overriding previous mode of "%s" for subckt "%s".

DESCRIPTION

This subcircuit was previously set to use another SPICE simulation mode.

WHAT NEXT

If you want to revert to the old mode, use the **set_design_spice_mode** command. For more information about this command, see **set_design_spice_mode** or _set_design_spice_mode -help_.

ESPUI-097

NAME

ESPUI-097 (error) Instance "%s" has to be a transistor.

DESCRIPTION

The instance referred to by the **set_instance_spice_mode** command can only be a transistor.

WHAT NEXT

For more information about this command, see **set_instance_spice_mode** or _set_instance_spice_mode -help_.

ESPUI-098

NAME

ESPUI-098 (warning) Clock pin "%s" ignored.

DESCRIPTION

The *tbpin* argument has not yet been implemented.

WHAT NEXT

Use the **report_clock** command with no arguments. This reports information about all of the defined clock pins.

ESPUI-099

NAME

ESPUI-099 (warning) Port direction on tb pin %s for matched design '%s' has been changed.

DESCRIPTION

The testbench port direction is normally defined by the port directions of the matching ports in the designs being verified. These port directions are set during port matching and can be influenced by the port direction option on set_matched_ports command. For example, you may have to manually set the port direction for SPICE to SPICE verification. There may be a rare situation where you need to change the port direction using the set_testbench_pin_attribute command. If set_testbench_pin_attribute determines that it has changed the port direction, it will issue a warning message that it has changed the port direction.

WHAT NEXT

Check to see if the correct testbench pin is being set, otherwise nothing is required to be changed.

ESPUI-100

NAME

ESPUI-100 (error) No subckt name specified.

DESCRIPTION

Subcircuit name was not specified.

WHAT NEXT

Specify the design that contains the instance to be scaled.

ESPUI-101

NAME

ESPUI-101 (error) Model "%s" cannot be found.

DESCRIPTION

This device model does not exist or it was automatically recognized and translated into a default model.

WHAT NEXT

Verify the name of the model. Remember that it is case sensitive. If the model exists in your SPICE netlist, it was probably automatically mapped to a default NMOS or PMOS type default device by the **read_spice** command. Devices whose names begin with *n* or *p* are automatically recognized. To enable control of the parameters of this device model independent of other models of the same type, you must use the **set_device_model** command before using the **read_spice** command.

ESPUI-104

NAME

ESPUI-104 (error) Pin "%s" not found.

DESCRIPTION

ESP cannot find the specified pin.

WHAT NEXT

Check for typos because pin names are case-sensitive. Make sure that you have successfully read in the reference and implementation netlists. If the name contains special characters, you may need to precede these characters with backslashes to avoid having them interpreted by the Tcl shell.

ESPUI-106

NAME

ESPUI-106 (warning) Range (%s) is not in legal format, expecting (%s:%s). Ignoring range.

DESCRIPTION

The range specified does not follow proper syntax.

WHAT NEXT

Provide a range in the proper format.

ESPUI-108

NAME

ESPUI-108 (error) Please set top design using 'set_top_design'.

DESCRIPTION

The top design name has not been set.

WHAT NEXT

Use the **set_top_design** -r command to set the reference design or the **set_top_design** -i command to set the implementation design.

ESPUI-109

NAME

ESPUI-109 (error) Please set the Top Design using 'set_top_design -i'.

DESCRIPTION

The top implementation design name has not been set.

WHAT NEXT

Use the **set_top_design** *-i* command to set the top implementation design.

ESPUI-113

NAME

ESPUI-113 (error) Instances are relative to the current design for this container. Please execute 'current_design -%c' first.

DESCRIPTION

The current design has not been set for this container. The current instance is a hierarchical path, rooted from the current design. Therefore, you must first set the current design before you define the current instance.

WHAT NEXT

Use the **current_design** command to set the current design for this container.

ESPUI-114

NAME

ESPUI-114 (error) Instance "%s" does not exist in design '%s' in the %s container.

DESCRIPTION

The specified instance does not exist. The current instance is a hierarchical path, rooted from the current design. Therefore, you must first set the current design before you define the current instance.

WHAT NEXT

Make sure the current design for this container (shown in error message text) is what you expected. If necessary, use the **current_design** command to set the current design for this container. Next, verify the instance name again.

ESPUI-115

NAME

ESPUI-115 (information) Current instance is the top-level of design '%s'.

DESCRIPTION

The current instance for this container has been reset to the top-level of the current design.

WHAT NEXT

This is an informational message. No action is required.

ESPUI-063

NAME

ESPUI-119 (error) Illegal values specified for clock %s options. %s

DESCRIPTION

One or more values specified for the **create_clock** options *-period*, *-setup*, and *-phase* are not allowed due to the specified condition.

The setup value must not exceed the phase value or the period value less the phase time, whichever is smaller. The phase value must be less than the period value less the setup time. These rules are required to assert input signals and check output signals at the correct time.

WHAT NEXT

Check the values for period, setup, and phase to ensure that they meet the requirements for the **create_clock** command. Reissue the command with the correct values.

ESPUI-120

NAME

ESPUI-120 (error) Already in interactive signal tracing mode. Please do "stop_explore" before restarting.

DESCRIPTION

The Tcl shell is in the interactive signal tracing mode. This might be because the interactive signal tracing process has started already or it crashed.

WHAT NEXT

Run the **stop_explore** command to correctly terminate the interactive signal tracing process. Next, use

the **start_explore** command to start the process again.

ESPUI-121

NAME

ESPUI-121 (error) Subckt %s with instance %s does not exist.

DESCRIPTION

The specified subckt does not exist in the container specified on the command line or the existing current container setting if no container specified on the command line.

WHAT NEXT

Verify that the correct container is being specified which contains SPICE netlist data and that the subckt is present in that SPICE netlist.

ESPUI-123

NAME

ESPUI-123 (error) "%s -r" is called without a current_instance set for the current_design in the REFERENCE container. Please set the current REFERENCE instance using 'current_instance -r [current_instance]'.

DESCRIPTION

This command cannot be used until the current instance has been set for the reference container.

container.

WHAT NEXT

Use the **current_instance** -r command to set the current instance for the reference container.

ESPUI-124

NAME

ESPUI-124 (error) "%s -i" is called without a current_instance set for the current_design in the IMPLEMENTATION container. Please set the current IMPLEMENTATION instance using 'current_instance -i [current_instance]'.

DESCRIPTION

This command cannot be used until you set the current instance for the implementation container.

WHAT NEXT

Use the **current_instance** -*i* command to set the current instance for the implementation container.

ESPUI-126

NAME

ESPUI-126 (error) Could not open Testbench File "%s"

DESCRIPTION

The testbench file could not be found.

WHAT NEXT

Check that the file exists and that you have read permissions for it.

ESPUI-128

NAME

ESPUI-128 (error) "%s -r" is called without a current_instance nor a current_design set in the REFERENCE container. Please first set either the current_instance (which itself requires a current_design to be set) or the current_design in the REFERENCE container before running this command.

DESCRIPTION

This message indicates that a critical error occurred because the specified Tcl collection command is invoked for the reference container, yet neither current instance nor current design is set for this container. This is not permitted in ESP because almost all of the collection commands operate on current_instance or current_design.

WHAT NEXT

Set the current design or current instance with current_design first before running the specified Tcl collection command again.

ESPUI-129

NAME

ESPUI-129 (error) "%s -i" is called without a current_instance nor a current_design set in the IMPLEMENTATION container. Please first set either the current_instance (which itself requires a current_design to be set) or the current_design in the IMPLEMENTATION container before running this command.

DESCRIPTION

A critical error occurred because the specified Tcl collection command is invoked for the implementation container; however, neither the current instance nor current design is set yet for this container. This is not permitted in ESP because almost all of the collection commands operate on current instance or current design.

WHAT NEXT

Set the current design or current instance with current_design first before rerunning the specified Tcl collection command.

ESPUI-130

NAME

ESPUI-130 (error) Cannot %s while explore process is active.

DESCRIPTION

An IST Explore process is active. You cannot save the session while it is still active.

WHAT NEXT

Complete the Explore process before trying to save the session again. Use the **stop_explore** command to terminate the explore process.

ESPUI-131

NAME

ESPUI-131 (warning) Unable to report failing points from custom testbenches. Use report_log to see specific failing points.

DESCRIPTION

A fully custom testbench may not use the proper embedded commands to record failing points reliably. To check whether the test has passed or failed, examine the verification log file using the **report_log** command.

WHAT NEXT

Review the verification simulation results using the **report_log** command. Check that all the appropriate test responses have been received.

ESPUI-132

NAME

ESPUI-132 (error) Cannot specify a file name when more than one ESP DB files are to be written.

DESCRIPTION

WHAT NEXT

ESPUI-133

NAME

ESPUI-133 (error) One-hot and one-cold constraints can only be applied to input groups with at least 2 bits.

DESCRIPTION

One-hot and one-cold constraints are vector constraints that you can only apply to inputs with at least 2

bits.

WHAT NEXT

Use the **set_constraint** -*help* command to see a list of constraint types. Check to make sure you have listed all of the inputs you intended to be one-hot or one-cold.

ESPUI-134

NAME

ESPUI-134 (error) Option -all must be used alone.

DESCRIPTION

The "-all" option cannot be combined with other options.

WHAT NEXT

Remove all other options to this command.

ESPUI-135

NAME

ESPUI-135 (error) Please specify the inputs that were constrained.

DESCRIPTION

No inputs were specified for the constraint.

WHAT NEXT

Provide a list of inputs to be constrained.

ESPUI-136

NAME

ESPUI-136 (error) Unable to determine constraint type.

DESCRIPTION

No valid constraint type was given.

WHAT NEXT

Use the **set_constraint** -*help* command to view a list of possible constraint types. If this error occurred when using a **remove_constraint** command, either use the -*all* option or copy the command arguments from the **set_constraint** command that you used to create the constraint that you are trying to remove.

ESPUI-144

NAME

ESPUI-144 (information) ESP DB file "%s" already written for matched design '%s'.

DESCRIPTION

Only one ESP DB file can be written per matched design pair.

WHAT NEXT

Check Tcl script for any **verify** or **check design** commands for the same design pair before a **write_esp_db** command.

ESPUI-145

NAME

ESPUI-145 (error) Please specify the name of port groups.

DESCRIPTION

WHAT NEXT

ESPUI-146

NAME

ESPUI-146 (error) No Port Groups Exist to be removed.

DESCRIPTION

WHAT NEXT

ESPUI-147

NAME

ESPUI-147 (error) Port Group %s is not present to be removed.

DESCRIPTION

WHAT NEXT

ESPUI-148

NAME

ESPUI-148 (warning) Port Group %s is already present.

DESCRIPTION

WHAT NEXT

ESPUI-150

NAME

ESPUI-150 (error) No matching constraint found.

DESCRIPTION

ESP cannot find a currently defined constraint that matches the specified arguments.

WHAT NEXT

Specify the same arguments in the **remove_constraint** command that you used for the matching **set_constraint** command that you want to undo. For example, if you use

```
> set_constraint -1hot a
```

to set a constarint. You should use

```
> remove_constraint -1hot a
```

remove the constraint.

ESPUI-151

NAME

ESPUI-151 (error) Cannot access or create directory '%s'

DESCRIPTION

Cannot access the user-specified directory name. Either it does not exist or it is not of the type 'directory.'

WHAT NEXT

Check whether the directory name and path exists. If not, create it and retry the command. Make sure the specified name is a directory and not a file.

ESPUI-152

NAME

ESPUI-152 (error) No files available for exporting.

DESCRIPTION

No files are available for exporting through the **export_spice_debug_testbench** command.

WHAT NEXT

Run the **write_spice_debug_testbench** command to generate the SPICE stimulus files. Next, use the **export_spice_debug_testbench** command to add them to the user-specified directory.

ESPUI-153

NAME

ESPUI-153 (error) Specify more than one method for setting your process parameters. Now: "direct_definition" is "%s", "technology_file" is "%s" and "minimum_feature_size" is "%s".

DESCRIPTION

Mixing different methods when setting process parameters is not supported.

WHAT NEXT

Supply the right arguments to the **set_process** command to make sure that at any time only one of the three methods, "direct_definition", "minimum_feature_size" or "technology_file", is set.

ESPUI-155

NAME

ESPUI-155 (error) Please specify all 8 process parameters together. Type "set_process -help" for options names and units. Process parameters that are intended to be set by the TCL command "set_process" are ignored. Process parameters keep their default values, which can be viewed by TCL command "report_process".

DESCRIPTION

Some parameters for direct definition method are set while others are not.

WHAT NEXT

Set all 8 parameters for direct definition method. For example, the following is valid:

```
set_process -i -n_sheet_resistance 12.3 -p_sheet_resistance 23.5          -n_gate_area_capacitan
```

ESPUI-156

NAME

ESPUI-156 (error) No process parameters specified. Using default process rules based on min SPICE

transistor size.

DESCRIPTION

A SPICE technology has not been specified by the **set_process** command. The ESP tool will use generic process parameters based upon the minimum sized transistor in the SPICE netlist.

WHAT NEXT

For best verfication results, an ESP device model file should be specified using the **set_process** command with the `-technolog_file` option.

ESPUI-157

NAME

ESPUI-157 (error) Missing value for -minimum_feature_size when using -inverter_delay: minimum_feature_size=0.00, inverter_delay=%6.2f.

DESCRIPTION

For the "minimum_feature_size" method, you must set the "-minimum_feature_size" option . However, "minimum_feature_size=0.00" indicates that it is not set.

WHAT NEXT

Supply the value in microns after the "-minimum_feature_size" option to prevent it from staying at 0.00. For example, the following command is valid: "set_process -i -minimum_feature_size 0.26 -inverter_delay 1.2"

ESPUI-158

NAME

ESPUI-158 (error) The technology file %s must be defined before the read_spice command.

DESCRIPTION

The **set_process** Tcl command is called before the **read_spice** command for *direct_read* or *technology_file* methods.

WHAT NEXT

Reset the flow by using the **reset** command. Use the **set_process** and **read_spice** commands to switch the order. Ensure that the **set_process** command is called before the **read_spice** command.

ESPUI-160

NAME

ESPUI-160 (error) %s is not a valid portgroup. Please specify a valid group. Use command 'set_portgroup' to define a portgroup.

DESCRIPTION

The portgroup specified on the command does not exist in the list of valid portgroups.

WHAT NEXT

Check that the portgroup name has been specified correctly on the command or add the portgroup name to the list of valid portgroups using the **set_portgroup** command.

ESPUI-161

NAME

ESPUI-161 (error) No clocks found in the port list for portgroup %s.

DESCRIPTION

No clocks found in the port list for specified portgroup.

WHAT NEXT

Use the **set_testbench_pin_attributes** command to add the portgroup attribute to the relevant clock input signal.

ESPUI-162

NAME

ESPUI-162 (error) Multiple clocks found in the port list for portgroup %s.

DESCRIPTION

Multiple clocks have been assigned the same portgroup attribute.

WHAT NEXT

The command **report_testbench_pins** -*all* command can be used to find what portgroups each of the top level clock pins has been assigned.

Use the **set_testbench_pin_attributes** command to change the portgroup attribute of the relevant clock input signals to ensure that only one clock is in each portgroup.

ESPUI-163

NAME

ESPUI-163 (error) Cannot use power domain name %s because it matches design %s testbench pin name %s.

DESCRIPTION

The specified power doamin name matches an existing testbench pin name. Power domains and testbench pin names share the same naming space and must be unique. Generally, testbench pin names are the same as the reference pin names.

WHAT NEXT

Change the power domain name to a name that does not an existing testbench pin.

ESPUI-164

NAME

ESPUI-164 (error) Simulation verify mode %s is not compatible with the GUI.

DESCRIPTION

Deprecated.

WHAT NEXT

ESPUI-165

NAME

ESPUI-165 (error) The Tcl variable testbench_design_instance must be specified to dump symbolic coverage.

DESCRIPTION

Dumping of symbolic coverage requires that you specify the path to the top level design name that you are gathering coverage data for.

The Tcl variable **testbench_design_instance** is used to specify the design instance path within the top level testbench.

WHAT NEXT

Set the Tcl variable **testbench_design_instance** to the instance path in your testbench module. The variable value can be a single instance name or a hierarchical path to the design instance.

```
set testbench_design_instance dut.bank1
```

SEE ALSO

Commands: **report_coverage**

Variables: **coverage** , **testbench_design_instance**

ESPUI-166

NAME

ESPUI-166 (error) Could not find the failing Test Vector file.

DESCRIPTION

No failing test vector can be found.

A test vector produced by a symbolic simulation is required before you can run the **debug_design** command to trace why the design is failing.

WHAT NEXT

For a test vector to be missing, one of the following conditions may have occurred. 1. File system is corrupted. 2. A session restore did not work. 3. Simulation failed without generating a counter example test vector, possibly due to one of the above conditions. 4. You specified an incorrect testbench path or non-

existent test vector set to be used.

First, check to make sure you specified a correct testbench path using the *-testbench* command line option. Use **report_status** to check for valid testbench results.

If the test vector is still missing, rerun the symbolic verification using the Tcl command **verify** .

Then rerun the **debug_design** command with the correct options.

SEE ALSO

Commands: **debug_design** , **verify**

ESPUI-167

NAME

ESPUI-167 (error) Simulation mode does not allow you to change the container.

DESCRIPTION

Simulation mode only uses one container which is the reference container or *ref*. You can not change the container to *imp* with any command. That includes use of the -i command line option on commands which allow it.

WHAT NEXT

Remove use of the -i command line option and remove all references to an implementation container.

SEE ALSO

Commands: **current_container** , **current_design** , **current_instance** , **read_spice**

ESPUI-169

NAME

ESPUI-169 (error) This command does not work in a restored session. Please start a new session.

DESCRIPTION

The information needed to run this command is not saved during a **save_session** . Hence this command cannot be run after entering the **restore_session** command.

WHAT NEXT

To run this command, exit the restored session and start a new one. To start a new session, you can either do **reset** or **quit** and restart the shell.

SEE ALSO

Commands: **quit** , **reset** , **restore_session** , **save_session**

Topics: **esp_shell_flow**

ESPUI-172

NAME

ESPUI-172 (error) '%s' is not supported for option '-method'

DESCRIPTION

In direct read mode, The **set_process** -*method* option's valid settings can change from release to release.

Note:
Direct SPICE read mode is no longer supported. You should not get this message

WHAT NEXT

Use the **device model simulation** methodology instead of the Direct SPICE read methodology.

SEE ALSO

ESPUI-173

NAME

ESPUI-173 (warning) Setting a power domain on port %s declared as a real supply in Matched design pair '%s' overrides supply function inputs. Consider changing real supply to virtual supply.

DESCRIPTION

A testbench pin connected to a real supply net in either design, which was defined using the set_supply_net command, is automatically set to the function supply. That testbench pin will only be driven by the active supply value defined for the supply nets being connected to. Attempts to set a power domain which has switching input levels on a real supply net which has a constant value should not be done. A power domain can be applied to a virtual supply net and other nets. You should change your real supply to a virtual supply to get proper operation of an input in a power domain.

WHAT NEXT

Change conflicting real supply input to a virtual supply input or remove the real supply input from the power domain.

ESPUI-174

NAME

ESPUI-174 (warning) Web browser invocation has been suppressed as invoking the web browser in a vncserver on a Sun OS machine is known to crash the vncserver. This is irrespective of the vncviewer used to connect to the vncserver. This can be worked around by setting your display depth to 8 when running [running versus launching a] vncserver. You can force the web browser open by setting an environment variable "FORCE_BROWSER_OPEN" to 1 in the application if you are sure this will not crash your vncserver. Please be aware of the risk of crashing vncserver (and hence all applications displaying on the vncserver along with it).

DESCRIPTION

WHAT NEXT

ESPUI-175

NAME

ESPUI-175 (warning) Could not determine display machine's operating system. Web browser invocation has been suppressed as invoking the web browser in a vncserver on a Sun OS machine is known to crash the vncserver. This is irrespective of the vncviewer used to connect to the vncserver. This can be worked around by setting your display depth to 8 whenrunning [running versus launching a] vncserver. You can force the web browser open by setting an environment variable "FORCE_BROWSER_OPEN" to 1 in the application if you are sure this will not crash your vncserver. Please be aware of the risk of crashing vncserver (and hence all applications displaying on the vncserver along with it)

DESCRIPTION

WHAT NEXT

ESPUI-176

NAME

ESPUI-176 (error) Vector type '%s' not supported. Only type 'error' is supported

DESCRIPTION

An illegal vector type was requested in **report_test_vectors**

WHAT NEXT

Specify a legal vector type.

ESPUI-178

NAME

ESPUI-178 (error) %s is not a valid power domain. Please specify a valid domain. Use command 'set_power_domain' to define a power domain.

DESCRIPTION

WHAT NEXT

ESPUI-179

NAME

ESPUI-179 (information) SPICE %s file %s created.

DESCRIPTION

WHAT NEXT

ESPUI-180

NAME

ESPUI-180 (information) Please inspect the above SPICE files and run \n\t\t %s %s

DESCRIPTION

WHAT NEXT

ESPUI-181

NAME

ESPUI-181 (warning) Pin '%s' has not been assigned to a power domain, and will use esp_default_power_domain

DESCRIPTION

A testbench pin has not been assigned to a power domain, and will use the default power domain *esp_default_power_domain*.

WHAT NEXT

To assign the testbench pin to a user defined power domain, use **set_power_domain** .

SEE ALSO

ESPUI-182

NAME

ESPUI-182 (warning) No domains are defined, and all pins will use esp_default_power_domain

DESCRIPTION

No user defined power domains are defined, and only the default power domain *esp_default_power_domain* exists. All pins will use the power domain *esp_default_power_domain*.

WHAT NEXT

To define a user defined power domain, use **set_power_domain** .

ESPUI-183

NAME

ESPUI-183 (warning) Cannot remove the default power domain

DESCRIPTION

The default power domain *esp_default_power_domain* cannot be removed. Only user defined power domains can be removed.

WHAT NEXT

To remove a user defined power domain, use **remove_power_domain** .

ESPUI-184

NAME

ESPUI-184 (warning) Supply '%s' does not have a user defined voltage, using %f volts

DESCRIPTION

Supply net does not have a defined voltage. Under inspector mode, supply1 will get 1.0 volt, and supply0 will get 0.0 volt.

WHAT NEXT

To set the supply voltage, use **set_supply_net** .

ESPUI-185

NAME

ESPUI-185 (warning) '%s' not set for %s %s

DESCRIPTION

WHAT NEXT

ESPUI-186

NAME

ESPUI-186 (error) Cannot set constraint %s for pin %s that belongs to a power domain

DESCRIPTION

WHAT NEXT

ESPUI-187

NAME

ESPUI-187 (error) Value %f for option %s not valid. Specify from valid voltage values for power domain %s

DESCRIPTION

WHAT NEXT

ESPUI-188

NAME

ESPUI-188 (warning) Conditions are not supported for checker '%s', and 'set_inspector_rules' will ignore its settings on checker '%s'

DESCRIPTION

The **set_inspector_rules** command does not support conditional checking on checkers where power is computed: short, isolation, crossover, sneak, sneak_thru_vpg and level_shift.

WHAT NEXT

Conditional checking are supported by the **set_inspector_rules** command on checkers where power is not computed: output_z, pu_floating, pd_floating, pu_voltage, pd_voltage, pu_weak, and pd_weak.

ESPUI-189

NAME

ESPUI-189 (warning) Power Domain %s does not allow logic %s; %s voltage values are ignored

DESCRIPTION

WHAT NEXT

ESPUI-190

NAME

ESPUI-190 (warning) Duplicate %s voltage value was ignored

DESCRIPTION

WHAT NEXT

ESPUI-191

NAME

ESPUI-191 (warning) The constraint mask has a different width '%d' than the constrained %s of width '%d'

DESCRIPTION

WHAT NEXT

ESPUI-192

NAME

ESPUI-192 (warning) The specified width is '%d' bits, actually got '%d' bits. The offending number is : '%s'

DESCRIPTION

WHAT NEXT

ESPUI-193

NAME

ESPUI-193 (error) CDPL function '%s' failed with error '%s' (code %d).

DESCRIPTION

There was an unexpected error returned by the Synopsys **Common Distributed Processing Library (CDPL)** framework used by the ESP tool to manage distributed processing. The returned error code provides additional failure information.

WHAT NEXT

It is most likely the the host file provided to **add_distributed_processors** is not properly configured. Refer to the **distributed_processing** topic page for information on configuring and validating the host file.

Further information on the **CDPL** error may be found by perusing the **CDPL** logfiles. There are two locations in which logfiles are placed:

- `<CWD>/ESP_DMS_WORK/cdpl`
- `<HOME>/.synopsys/cdpl`

Contact the Synopsys Technical Support Center if you are unable to identify and resolve the source of the problem.

ESPUI-194

NAME

ESPUI-194 (error) Cannot open hosts file %s from command 'add_distributed_processors'.

DESCRIPTION

WHAT NEXT

ESPUI-195

NAME

ESPUI-195 (error) Cannot use verilog reserved word '%s' for the power domain name.

DESCRIPTION

WHAT NEXT

ESPUI-197

NAME

ESPUI-197 (error) Power domain name '%s' conflicts with Spice subckt/Verilog module name

DESCRIPTION

Power domain names set by **set_power_domain** cannot conflict with any Verilog module name in the reference design or any SPICE subckt name in the implementation design.

WHAT NEXT

Use a different power domain name.

ESPUI-198

NAME

ESPUI-198 (error) '%s' top has not been defined

DESCRIPTION

WHAT NEXT

ESPUI-199

NAME

ESPUI-199 (error) Output constraint -ignore can only be used with -if, -cycle, -style, -mask and -check_num

DESCRIPTION

WHAT NEXT

ESPUI-200

NAME

ESPUI-200 (error) Output constraint -ignore is only applicable to output ports. %s is not a output port.

DESCRIPTION

WHAT NEXT

ESPUI-201

NAME

ESPUI-201 (error) Option '-check_num' is only supported for constraint on outputs

DESCRIPTION

WHAT NEXT

ESPUI-202

NAME

ESPUI-202 (error) This parser does not support SystemVerilog. Use VCS parser

DESCRIPTION

WHAT NEXT

ESPUI-203

NAME

ESPUI-203 (error) No clocks changed by this command

DESCRIPTION

The command did not affect any clocks in the current design or in the requested designs.

WHAT NEXT

Check the clock names specified to see if they exist on the specified designs or check design names to see if the specified designs have the specified clock name, Correct the clock name and/or design name and redo command.

ESPUI-206

NAME

ESPUI-206 (error) This command is not supported in simulate only mode

DESCRIPTION

WHAT NEXT

ESPUI-207

NAME

ESPUI-207 (error) Illegal radix '%c' specified. Only 'b', 'o' or 'h' are supported

DESCRIPTION

WHAT NEXT

ESPUI-208

NAME

ESPUI-208 (error) Character '%c' is not allowed in %s numbers

DESCRIPTION

WHAT NEXT

ESPUI-209

NAME

ESPUI-209 (error) Delay value is zero or too small to be used

DESCRIPTION

WHAT NEXT

ESPUI-210

NAME

ESPUI-210 (error) Supply name %s already exists with logic=%d type=%s voltage=%g. Ignoring command

DESCRIPTION

WHAT NEXT

ESPUI-211

NAME

ESPUI-211 (error) Failed to restore session!

DESCRIPTION

WHAT NEXT

ESPUI-212

NAME

ESPUI-212 (error) Could not find net %s in subckt %s

DESCRIPTION

WHAT NEXT

ESPUI-213

NAME

ESPUI-213 (information) Supply name %s already exists with same settings

DESCRIPTION

WHAT NEXT

ESPUI-214

NAME

ESPUI-214 (error) Subckt %s is unknown

DESCRIPTION

WHAT NEXT

ESPUI-215

NAME

ESPUI-215 (warning) Existing supply name %s with type %s, changed to type %s

DESCRIPTION

WHAT NEXT

ESPUI-216

NAME

ESPUI-216 (error) Global supply name %s already exists as a local supply %s module %s. Ignoring command

DESCRIPTION

WHAT NEXT

ESPUI-217

NAME

ESPUI-217 (error) Local supply name %s module %s already exists as a global supply %s. Ignoring command

DESCRIPTION

WHAT NEXT

ESPUI-220

NAME

ESPUI-220 (error) Can only set constraint %s on a power domain

DESCRIPTION

WHAT NEXT

ESPUI-221

NAME

ESPUI-221 (error) Redundancy verification cannot proceed as no fault groups are set.

DESCRIPTION

WHAT NEXT

ESPUI-222

NAME

ESPUI-222 (error) Tcl variable 'netlist_supply_by_connection' can be only set before 'read_spice' command.

DESCRIPTION

DEPRECATED

If set, the application variable *netlist_supply_by_connection* must be set before calling the **read_spice** command. This variable affects the compilation of SPICE netlists.

WHAT NEXT

The application variable *netlist_supply_by_connection* is deprecated and not supported. Remove all references to *netlist_supply_by_connection* from your script and rerun.

ESPUI-223

NAME

ESPUI-223 (error) Invalid constraints for power domains

DESCRIPTION

WHAT NEXT

ESPUI-224

NAME

ESPUI-224 (warning) Could not locate net "%s" in design '%s'.

DESCRIPTION

WHAT NEXT

ESPUI-225

NAME

ESPUI-225 (warning) Could not locate the top-level design in the netlist. Please use the switch '-top_design' to specify the top design.

DESCRIPTION

WHAT NEXT

ESPUI-226

NAME

ESPUI-226 (error) Buffered clock type requires a clock equation be specifed

DESCRIPTION

Buffered clock types requires a clock equation be specifed which determines what the clock value will be at the time that clocks are changed.

WHAT NEXT

Redo the command using the -constraint option to specify an equation that determines the clock value. To specify that the clock is a copy of another clock, specify the name of the clock in the equation. To specify that the clock is an inverted copy of the clock, add an tilde before the name of the clock to be inverted. The equation can contain a logical expression of any other input pins to the design.

ESPUI-227

NAME

ESPUI-227 (error) Port matching for all matched designs must be complete before power domains can be defined. Port matching incomplete for design '%s'.

DESCRIPTION

WHAT NEXT

ESPUI-228

NAME

ESPUI-228 (warning) Matched design pair '%s' could not be found and is being ignored.

DESCRIPTION

You have specified a matched design pair which does not exist and is being ignored for this command.

WHAT NEXT

Check that you specified the correct matched design pair with the -design_pair option. Redo the Tcl command using corrected match design pair values. Only redo the matched design pairs that were previously ignored.

ESPUI-229

NAME

ESPUI-229 (error) Name '%s' conflicts with %s container design name

DESCRIPTION

Specified identifier is present as a design name in a container and can not be used for anything else. ignored for this command.

WHAT NEXT

Select a different identifier which does not conflict with an existing design name or port name.

ESPUI-230

NAME

ESPUI-230 (error) Error message place holder

DESCRIPTION

WHAT NEXT

ESPUI-231

NAME

ESPUI-231 (error) Writing of testbench failed for matched design pair '%s'.

DESCRIPTION

Writing of the testbench for the identified matched design pair has failed.

WHAT NEXT

Previous error conditions can prevent a testbench from being written. Fix the previously reported error conditions and redo this command for the matched design pairs which were reported as failing.

ESPUI-232

NAME

ESPUI-232 (warning) Testbench for matched design pair '%s' cannot be shared with other design pairs and is being ignored.

DESCRIPTION

Verification of a design is based on the path where the testbench is located. If you use the same testbench for multiple designs, then you will not be able to do verification and get results recorded for more than one design.

WHAT NEXT

Use a different testbench for each design being verified and do not specify a testbench location on the **write_testbench** Tcl command when attempting to verify more than one design.

ESPUI-234

NAME

ESPUI-234 (warning) Testbench port "%s" does not exist for design pair '%s'.

DESCRIPTION

WHAT NEXT

ESPUI-235

NAME

ESPUI-235 (error) Matched design pair '%s' does not exist.

DESCRIPTION

The reported matched design pair does not exist.

WHAT NEXT

Check the spelling of the matched design pair or object pointer to see if a valid value has been specified.

ESPUI-236

NAME

ESPUI-236 (warning) Clock port "%s" does not exist. Ignoring port in matched design pair '%s'.

DESCRIPTION

When attempting to create a clock, reset a clock, or remove a clock for multiple designs, the clock port specified was not found on the matched design pairs reported in this error message. The operation was not performed on these reported matched design pairs.

WHAT NEXT

Use the **report_testbench_pins** command to find out what pins are present for the failing matched design pairs.

ESPUI-237

NAME

ESPUI-237 (warning) Testbench port "%s" does not exist. Ignoring matched design pair '%s'.

DESCRIPTION

When attempting to set, change or reset a pin attribute for the testbench in multiple designs, the data port specified was not found on the matched design pairs reported in this error message. The operation was not performed on these reported matched design pairs.

WHAT NEXT

Use the **report_testbench_pins** command to find out what pins are present for the failing matched design pairs.

ESPUI-238

NAME

ESPUI-238 (information) Matched design not specified. Setting default design values.

DESCRIPTION

An informative message indicating that a matched design was not specified on the command and the default value has been set for all the options specified on the command.

WHAT NEXT

Specify a matched design pair name if option values are only supposed to be set for one matched design pair.

ESPUI-239

NAME

ESPUI-239 (error) Check design failed on testbench id %s.

DESCRIPTION

The **check_design** or **verify** command failed when attempting to process the reported testbench id.

WHAT NEXT

If there was a compile error, use the **report_log** command to find out what caused the compile error.

Check design can also fail due to matching has not succeeded yet, a missing ESP DB file, or missing testbench file. See **match_design_ports** , **write_esp_db** or **write_testbench** to correct these errors.

ESPUI-240

NAME

ESPUI-240 (error) SPICE testbench files not found. Use write_spice_debug_testbench to create them.

DESCRIPTION

To perform a SPICE debug, you need the SPICE debug testbench files which are created by the **write_spice_debug_testbench** command.

WHAT NEXT

Use the command **write_spice_debug_testbench** to create the SPICE debug testbench files.

ESPUI-241

NAME

ESPUI-241 (error) When using -zero_vector, you cannot specify -vector_file.

DESCRIPTION

To debug a design, you can specify one of -testbench, -tbid, -vector_file or -zero_vector to specify where to find the test vector to be used during debug. You can not specify more than one of these on the command line or else the test vector to be used becomes ambiguous.

WHAT NEXT

Redo the command using only one of the options that is being reported in the failing error message.

ESPUI-242

NAME

ESPUI-242 (error) Could not find a testbench.

DESCRIPTION

To debug a design, you can specify one of -testbench, -tbid, -vector_file or -zero_vector to specify where to find the test vector to be used during debug. You can not specify more than one of these on the command line or else the test vector to be used becomes ambiguous.

WHAT NEXT

Redo the command using only one of the options that is being reported in the failing error message.

ESPUI-243

NAME

ESPUI-243 (error) You cannot specify both -testbench and -tbid.

DESCRIPTION

To debug a design, you can specify one of -testbench, -tbid, -vector_file or -zero_vector to specify where to find the test vector to be used during debug. You can not specify more than one of these on the command line or else the test vector to be used becomes ambiguous.

WHAT NEXT

Redo the command using only one of the options that is being reported in the failing error message.

ESPUI-245

NAME

ESPUI-245 (warning) Port "%s" is not a clock. Ignoring port in matched design pair '%s'.

DESCRIPTION

The reported port name is not a clock for the specified matched design, Setting or resetting clock properties will not be done for that port name.

WHAT NEXT

Check list of test bench pins using **report_testbench_pins** to see if the correct clock name is being used to set/reset clock properties.

ESPUI-246

NAME

ESPUI-246 (warning) Testbench port "%s" does not exist.

DESCRIPTION

The testbench port name reported does not exist.

WHAT NEXT

Check the spelling and case of the testbench port name using **report_testbench_pins** and redo the command using the correct name.

ESPUI-247

NAME

ESPUI-247 (error) No matched design pair was found.

DESCRIPTION

No matched design was found which matched the values requested on the command.

WHAT NEXT

Check if any matched designs have been specified. If not, perform match designs before redoing this command. If matched designs exist, check and correct the values specified on this command.

The **report_matched_designs** command can be used to get a list of matched designs.

The **report_unmatched_designs** command can be used to get a list of unmatched designs.

The **match_designs** and **set_matched_designs** commands can be used to do design matching between two containers.

ESPUI-248

NAME

ESPUI-248 (information) Removed testbench attributes for matched design '%s'.

DESCRIPTION

Removing a port from the match table will invalidate all testbench port attributes set after a previous match succeeded.

WHAT NEXT

Redo setting all testbench port attributes.

ESPUI-249

NAME

ESPUI-249 (information) Removed testbenches and verification results for matched design '%s'.

DESCRIPTION

Removing a port from the match table will invalidate all previously generated testbench files and verification results for those testbenches.

WHAT NEXT

Rerun verification with new testbench files.

ESPUI-250

NAME

ESPUI-250 (information) See file s2v_strength.log file for more info.

DESCRIPTION

Generating a switch level ESP DB file uses some heuristics to determine strength of transistors. This is an informative message indicating that there may be more information contained in another log file in the current directory which may be usefull.

WHAT NEXT

Review the log file, s2v_strength.log, to see if there are any messages reported that need further investigation.

ESPUI-251

NAME

ESPUI-251 (error) Cannot change behavioral model for this device.

DESCRIPTION

WHAT NEXT

ESPUI-252

NAME

ESPUI-252 (information) See file s2v_prim_extract.log file for more info.

DESCRIPTION

Extracting primitives for a switch level ESP DB file uses some heuristics to determine which transistors can be grouped together as a primitive. This is an informative message indicating that there may be more information contained in another log file in the current directory which may be usefull.

WHAT NEXT

Review the log file, s2v_prim_extract.log, to see if there are any messages reported that need further investigation.

ESPUI-256

NAME

ESPUI-256 (error) No data present in reference or implementation container.

DESCRIPTION

WHAT NEXT

ESPUI-257

NAME

ESPUI-257 (warning) No constraint data available for design pair '%s'.

DESCRIPTION

WHAT NEXT

ESPUI-258

NAME

ESPUI-258 (warning) Multiple top modules found. Selected top design "%s".

DESCRIPTION

WHAT NEXT

ESPUI-259

NAME

ESPUI-259 (warning) Ignoring setting process technology due to invalid process delay value: %lg

DESCRIPTION

WHAT NEXT

ESPUI-260

NAME

ESPUI-260 (error) Power domain '%s' does not allow a floating/driven condition

DESCRIPTION

WHAT NEXT

ESPUI-261

NAME

ESPUI-261 (information) Automatically terminating an active explore session.

DESCRIPTION

WHAT NEXT

ESPUI-262

NAME

ESPUI-262 (warning) Max number of %s vectors must be a non negative number. Use default value '%s'.

DESCRIPTION

WHAT NEXT

ESPUI-263

NAME

ESPUI-263 (error) Setting %s suffix to "%s" conflicts with existing %s suffix "%s".

DESCRIPTION

WHAT NEXT

ESPUI-264

NAME

ESPUI-264 (error) Verify results for design pair '%s' do not exist.

DESCRIPTION

WHAT NEXT

ESPUI-265

NAME

ESPUI-265 (warning) Number of valid ports in testbench_pin_order (%d) does not match total number of ports (%d). Requested pin order ignored.

DESCRIPTION

WHAT NEXT

ESPUI-266

NAME

ESPUI-266 (information) Using counter example %s from testbench "%s".

DESCRIPTION

WHAT NEXT

ESPUI-279

NAME

ESPUI-279 (error) Writing of ESP db file failed for matched design pair '%s'.

DESCRIPTION

Writing of the ESP DB file failed for the reported match design pair due to previous error conditions.

WHAT NEXT

Correct the previous errors and redo the command.

ESPUI-280

NAME

ESPUI-280 (error) Cannot write %s file after a restore_session.

DESCRIPTION

WHAT NEXT

ESPUI-281

NAME

ESPUI-281 (error) Power Intent is not supported in this verification.

DESCRIPTION

WHAT NEXT

ESPUI-282

NAME

ESPUI-282 (warning) Supply '%s' conflict on net %s (design %s) while executing %s. The previous definition came from %s (Definition id %d).

DESCRIPTION

A setting conflict is encountered while executing the **set_supply_net** command at the specified source location. There are 3 types of conflicts: logic, type, and voltage. Logic conflict occurs when attempting to set a net as a power source when it was previously declared to be ground, or vice versa. Type conflicts arise when attempting to tag a net as a real supply when it already was tagged to be virtual previously (with matching logic), or vice versa. Lastly, voltage conflicts apply when logic and type match but the new setting has a different voltage than the previous one. Of the 3 categories, only type conflicts are considered benign and the latest setting will override the previous one. For the rest, an error message is issued and the command is aborted.

WHAT NEXT

Introduce other classes of conflicts, possibly tied to inspector usage.

ESPUI-283

NAME

ESPUI-283 (information) Supply conflict(s) detected. Use Tcl command "report_supply_nets" to get more information on the responsible definition.

DESCRIPTION

Supply conflict is detected on 1 or more nodes while executing a **set_supply_net** command. The accompanying **ESPUI-282** message will display the offending definition as well as the previous source.

WHAT NEXT

The command **report_supply_nets** can be used to backtrace the root cause.

Fix the supply definition to remove the conflict.

ESPUI-284

NAME

ESPUI-284 (error) Supply command not executed due to fatal errors.

DESCRIPTION

If this were a "set_supply_net" invocation, one or more conflicts of type logic or voltage was encountered, leading to the whole command not being executed. If this were a "remove_supply_net" invocation, either the target net was not a supply to begin with, or it was a supply due to auto auto global ground setting. In both cases, this is a fatal condition and the command is not executed.

WHAT NEXT

Possibly extend to partial action, meaning that if the "set_supply_net" command applied to nets which are orthogonal to each other, then allow the setting on those sets without any conflict.

ESPUI-285

NAME

ESPUI-285 (information) '%s' matched supply regular expression at %s, line %d.

DESCRIPTION

Display a list of base names in the netlist that matched the regular expression pattern as specified in the source location. Each matched name is displayed on its own line.

WHAT NEXT

Reduce the output by grouping similar matches into single line.

ESPUI-286

NAME

ESPUI-286 (information) Clear active flag for all testbenches.

DESCRIPTION

WHAT NEXT

ESPUI-287

NAME

ESPUI-287 (error) No matched designs were changed by this command.

DESCRIPTION

WHAT NEXT

ESPUI-288

NAME

ESPUI-288 (error) Cannot remove supply property on non-supply net %s in subckt %s.

DESCRIPTION

Attempting to execute "remove_supply_net" command on a net which has not been tagged as a supply. This is illegal and the command aborts as such.

WHAT NEXT

ESPUI-289

NAME

ESPUI-289 (error) Cannot remove default supply net %s in subckt %s.

DESCRIPTION

Attempting to execute "remove_supply_net" command on a net which is either directly tied-to or propagated-from a default global ground from the set "{0, gnd, !gnd}" (case-insensitive). These global grounds can never be overridden nor removed by the user.

WHAT NEXT

Allow removal of global defaults when specifal overrid flag or option is set.

ESPUI-290

NAME

ESPUI-290 (error) Could not create the composite %s file.

DESCRIPTION

In a Verilog to Verilog flow, the ESP tool creates a special composite file.

WHAT NEXT

Check the output of **report_log** and correct any issues.

ESPUI-291

NAME

ESPUI-291 (information) Write ESP DB file for %s:%s

DESCRIPTION

Informative message indicating which container the ESP DB file is being written for and which top level design within the container is being written.

WHAT NEXT

ESPUI-292

NAME

ESPUI-292 (information) Generating testbench %s

DESCRIPTION

Informative message indicating which testbench is being written.

WHAT NEXT

ESPUI-293

NAME

ESPUI-293 (information) Check testbench %s %s

DESCRIPTION

Informative message indicating which design is being checked for syntax errors. It shows the testbench id and the testbench base file name.

WHAT NEXT

ESPVER Error Messages

ESPVER-000

NAME

ESPVER-000 (information) Dummy message.

DESCRIPTION

WHAT NEXT

ESPVER-001

NAME

ESPVER-001 (information) Analyzing source file "%s" ....

DESCRIPTION

WHAT NEXT

ESPVER-002

NAME

ESPVER-002 (information) Scanning library file "%s" ....

DESCRIPTION

WHAT NEXT

ESPVER-003

NAME

ESPVER-003 (information) Scanning library directory "%s" ....

DESCRIPTION

WHAT NEXT

ESPVER-004

NAME

ESPVER-004 (information) Analyzing module (%s).

DESCRIPTION

WHAT NEXT

ESPVER-005

NAME

ESPVER-005 (information) Null port declaration.

DESCRIPTION

WHAT NEXT

ESPVER-006

NAME

ESPVER-006 (information) No net is connected to port (%s).

DESCRIPTION

WHAT NEXT

ESPVER-008

NAME

ESPVER-008 (information) Analyzing primitive (%s).

DESCRIPTION

WHAT NEXT

ESPVER-010

NAME

ESPVER-010 (information) ======== Start of Global Messages ========

DESCRIPTION

WHAT NEXT

ESPVER-011

NAME

ESPVER-011 (information) ======== Start of messages for module %s ========

DESCRIPTION

WHAT NEXT

ESPVER-014

NAME

ESPVER-014 (information) There are less no of connections in instance (%s) of UDP (%s).

DESCRIPTION

WHAT NEXT

ESPVER-018

NAME

ESPVER-018 (information) Module (%s) not defined, creating dummy module.

DESCRIPTION

WHAT NEXT

ESPVER-020

NAME

ESPVER-020 (information) Analyzing included file "%s" ....

DESCRIPTION

WHAT NEXT

ESPVER-021

NAME

ESPVER-021 (information) Continuing with analysis of file "%s" ....

DESCRIPTION

WHAT NEXT

ESPVER-022

NAME

ESPVER-022 (information) Rescanning source file "%s" ....

DESCRIPTION

WHAT NEXT

ESPVER-023

NAME

ESPVER-023 (information) Scanning incremental directory "%s" ....

DESCRIPTION

WHAT NEXT

ESPVER-025

NAME

ESPVER-025 (information) %d parse error(s) and %d warning(s).

DESCRIPTION

WHAT NEXT

ESPVER-026

NAME

ESPVER-026 (warning) Redefinition of macro (%s).

DESCRIPTION

WHAT NEXT

ESPVER-027

NAME

ESPVER-027 (warning) Net name (%s) previously declared.

DESCRIPTION

WHAT NEXT

ESPVER-030

NAME

ESPVER-030 (warning) Timescale precision should be at least as precise as the unit.

DESCRIPTION

WHAT NEXT

ESPVER-031

NAME

ESPVER-031 (warning) Configuration block (%s) ignored.

DESCRIPTION

WHAT NEXT

ESPVER-032

NAME

ESPVER-032 (warning) No connection to the input/inout port (%s).

DESCRIPTION

WHAT NEXT

ESPVER-033

NAME

ESPVER-033 (warning) Instance (%s) of module (%s) has too few connections.

DESCRIPTION

WHAT NEXT

ESPVER-034

NAME

ESPVER-034 (warning) No connection to the output port (%s).

DESCRIPTION

WHAT NEXT

ESPVER-035

NAME

ESPVER-035 (warning) Size mismatch for port (%s) in instantiation (%s).

DESCRIPTION

WHAT NEXT

ESPVER-036

NAME

ESPVER-036 (warning) Size mismatch for unnamed port for module (%s) in instance (%s).

DESCRIPTION

WHAT NEXT

ESPVER-037

NAME

ESPVER-037 (warning) Bit select out of range.

DESCRIPTION

WHAT NEXT

ESPVER-038

NAME

ESPVER-038 (warning) Part select out of range.

DESCRIPTION

WHAT NEXT

ESPVER-039

NAME

ESPVER-039 (warning) Combination of ports declared as input, output or inout in concatenation in module header.

DESCRIPTION

WHAT NEXT

ESPVER-041

NAME

ESPVER-041 (warning) The trireg strength default value is not within its valid numeric boundaries

DESCRIPTION

WHAT NEXT

ESPVER-043

NAME

ESPVER-043 (warning) No connection to UDP port (%s).

DESCRIPTION

WHAT NEXT

ESPVER-045

NAME

ESPVER-045 (warning) Mismatch of width in terminal connection for (%s) gate instance.

DESCRIPTION

WHAT NEXT

ESPVER-049

NAME

ESPVER-049 (warning) Port connection cannot be of type real.

DESCRIPTION

WHAT NEXT

ESPVER-050

NAME

ESPVER-050 (warning) Implictly declared net (%s) does not have any fanin.

DESCRIPTION

WHAT NEXT

ESPVER-053

NAME

ESPVER-053 (warning) Timing check limit cannot be negative.

DESCRIPTION

WHAT NEXT

ESPVER-058

NAME

ESPVER-058 (warning) Task or function name (%s) not defined.

DESCRIPTION

WHAT NEXT

ESPVER-059

NAME

ESPVER-059 (warning) (%s) is a system function, not a system task.

DESCRIPTION

WHAT NEXT

ESPVER-060

NAME

ESPVER-060 (warning) (%s) is a system task, not a system function.

DESCRIPTION

WHAT NEXT

ESPVER-062

NAME

ESPVER-062 (warning) The extra parameter overrides will be ignore.

DESCRIPTION

WHAT NEXT

ESPVER-063

NAME

ESPVER-063 (warning) Floating point exception detected for expression, this may cause problem in simulation.

DESCRIPTION

WHAT NEXT

ESPVER-066

NAME

ESPVER-066 (warning) Zero width of based number is ignored.

DESCRIPTION

WHAT NEXT

ESPVER-067

NAME

ESPVER-067 (warning) Specified width is not enough to hold the constant, so it will be truncated.

DESCRIPTION

WHAT NEXT

ESPVER-068

NAME

ESPVER-068 (warning) Illegal vector reference to scalar register - (%s)

DESCRIPTION

WHAT NEXT

ESPVER-069

NAME

ESPVER-069 (warning) Illegal vector reference to scalar net - (%s)

DESCRIPTION

WHAT NEXT

ESPVER-071

NAME

ESPVER-071 (warning) Repetition multiplier in concatenation is not a constant expression.

DESCRIPTION

WHAT NEXT

ESPVER-073

NAME

ESPVER-073 (warning) EOF reached : translate_on not found.

DESCRIPTION

WHAT NEXT

ESPVER-074

NAME

ESPVER-074 (warning) No associated translate_off found.

DESCRIPTION

WHAT NEXT

ESPVER-075

NAME

ESPVER-075 (warning) Unrecognized pragma (%s) encountered.

DESCRIPTION

WHAT NEXT

ESPVER-076

NAME

ESPVER-076 (warning) Module (%s) has Non-RTL construct.

DESCRIPTION

WHAT NEXT

ESPVER-078

NAME

ESPVER-078 (warning) Only simple identifiers are allowed in the senstivity list, other expressions are ignored.

DESCRIPTION

WHAT NEXT

ESPVER-079

NAME

ESPVER-079 (warning) Though not in the sensitivity list, "%s" is being referred to inside this always block.

DESCRIPTION

WHAT NEXT

ESPVER-080

NAME

ESPVER-080 (warning) Primitive description will be ignored and its instances will be black-box instance.

DESCRIPTION

WHAT NEXT

ESPVER-083

NAME

ESPVER-083 (warning) Width of the index value, "%s" in for loop, is less than that of the termination value. This may lead to improper synthesization.

DESCRIPTION

WHAT NEXT

ESPVER-084

NAME

ESPVER-084 (warning) The termination condition in for loop is on "%s", and not on the actual index "%s".

DESCRIPTION

WHAT NEXT

ESPVER-085

NAME

ESPVER-085 (warning) The for loop is being incremented by "%s", which does not match the loop index "%s".

DESCRIPTION

WHAT NEXT

ESPVER-090

NAME

ESPVER-090 (warning) Variable "%s" is being assigned at more than one concurrent blocks. This may cause simulation mismatch after synthesis.

DESCRIPTION

WHAT NEXT

ESPVER-094

NAME

ESPVER-094 (warning) %s operator will be treated as %s.

DESCRIPTION

WHAT NEXT

ESPVER-100

NAME

ESPVER-100 (error) Implicit @(%s)

DESCRIPTION

WHAT NEXT

ESPVER-101

NAME

ESPVER-101 (error) INITIAL statements are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-102

NAME

ESPVER-102 (error) FORCE statements are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-103

NAME

ESPVER-103 (error) RELEASE statements are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-104

NAME

ESPVER-104 (error) DEASSIGN statements are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-105

NAME

ESPVER-105 (error) REPEAT statements are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-106

NAME

ESPVER-106 (error) WAIT statements are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-107

NAME

ESPVER-107 (error) PRIMITIVE definitions are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-108

NAME

ESPVER-108 (error) TIME declarations are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-109

NAME

ESPVER-109 (error) EVENT declarations are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-110

NAME

ESPVER-110 (error) Parallel blocks are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-111

NAME

ESPVER-111 (error) Parameter override statements using DEFPARAM are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-112

NAME

ESPVER-112 (error) REPEAT event control specifications are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-113

NAME

ESPVER-113 (error) Arrays of integer variables are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-114

NAME

ESPVER-114 (error) TRI0 net types are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-115

NAME

ESPVER-115 (error) TRI1 net types are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-116

NAME

ESPVER-116 (error) TRIAND net types are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-117

NAME

ESPVER-117 (error) TRIOR net types are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-118

NAME

ESPVER-118 (error) TRIREG net types are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-119

NAME

ESPVER-119 (error) "===" operators are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-120

NAME

ESPVER-120 (error) "!==" operators are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-121

NAME

ESPVER-121 (error) Parameter range declaration is not supported.

DESCRIPTION

WHAT NEXT

ESPVER-122

NAME

ESPVER-122 (error) Bit select of parameter is not supported.

DESCRIPTION

WHAT NEXT

ESPVER-123

NAME

ESPVER-123 (error) Part select of parameter is not supported.

DESCRIPTION

WHAT NEXT

ESPVER-124

NAME

ESPVER-124 (error) System task (%s) is not supported.

DESCRIPTION

WHAT NEXT

ESPVER-125

NAME

ESPVER-125 (error) System function (%s) is not supported.

DESCRIPTION

WHAT NEXT

ESPVER-126

NAME

ESPVER-126 (error) Procedural continuous assign statements are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-127

NAME

ESPVER-127 (error) Event Control expressions within non-blocking statements are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-128

NAME

ESPVER-128 (error) REAL declarations are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-129

NAME

ESPVER-129 (error) Explicit parameter instantiation cannot resolve parameter expression (%s)

DESCRIPTION

WHAT NEXT

ESPVER-130

NAME

ESPVER-130 (error) %s gate types are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-131

NAME

ESPVER-131 (error) EVENT unsupported, so "%s" cannot be trigerred.

DESCRIPTION

WHAT NEXT

ESPVER-132

NAME

ESPVER-132 (error) Unsupported hierarchical reference (%s).

DESCRIPTION

WHAT NEXT

ESPVER-140

NAME

ESPVER-140 (error) Always blocks sensitive to named events are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-141

NAME

ESPVER-141 (error) Always block with timing control, cannot have event control expressions.

DESCRIPTION

WHAT NEXT

ESPVER-143

NAME

ESPVER-143 (error) Asynchronous reset/clear always block should have only one statement.

DESCRIPTION

WHAT NEXT

ESPVER-144

NAME

ESPVER-144 (error) Asynchronous reset/clear always block should have first stament as If.

DESCRIPTION

WHAT NEXT

ESPVER-145

NAME

ESPVER-145 (error) Asynchronous always block may have comparison to 1 or 0 only.

DESCRIPTION

WHAT NEXT

ESPVER-146

NAME

ESPVER-146 (error) Asynchronous reset/clear always block may have only ~ or ! operation on the identifier.

DESCRIPTION

WHAT NEXT

ESPVER-147

NAME

ESPVER-147 (error) Asynchronous reset/clear always block may have the reset conditon only as a simple identifier or its negation.

DESCRIPTION

WHAT NEXT

ESPVER-148

NAME

ESPVER-148 (error) Invalid reset condition in asynchronous reset/clear always block.

DESCRIPTION

WHAT NEXT

ESPVER-149

NAME

ESPVER-149 (error) Only the '==' operator is allowed in validation of the reset condition.

DESCRIPTION

WHAT NEXT

ESPVER-154

NAME

ESPVER-154 (error) Both edge control & non-edge control expressions cannot be specified in the senstivity list.

DESCRIPTION

WHAT NEXT

ESPVER-155

NAME

ESPVER-155 (error) Event control list, with posedge and negedge qualifiers may have simple identifiers only.

DESCRIPTION

WHAT NEXT

ESPVER-161

NAME

ESPVER-161 (error) You must specify an "else" clause for the clocked logic.

DESCRIPTION

WHAT NEXT

ESPVER-162

NAME

ESPVER-162 (error) Improper modelling style for a sequential machine. Clock & reset/set pins cannot be inferred from the event control list.

DESCRIPTION

WHAT NEXT

ESPVER-164

NAME

ESPVER-164 (error) In the implicit style sequential state machine, states can only be updated if controlled by same clock phase.

DESCRIPTION

WHAT NEXT

ESPVER-165

NAME

ESPVER-165 (error) In the implicit style sequential state machine, only one edge controlled event expression is allowed.

DESCRIPTION

WHAT NEXT

ESPVER-166

NAME

ESPVER-166 (error) In the implicit style sequential state machine, the event control statement may not have more than one edge specification.

DESCRIPTION

WHAT NEXT

ESPVER-167

NAME

ESPVER-167 (error) In the implicit style sequential state machine, the @(event_control_list) should have one edge specification.

DESCRIPTION

WHAT NEXT

ESPVER-168

NAME

ESPVER-168 (error) Two or more edges of the same variable is not allowed in the event control list.

DESCRIPTION

WHAT NEXT

ESPVER-174

NAME

ESPVER-174 (error) The clock "%s" is being read inside the always block, which is not allowed in the explicit style sequential state machine.

DESCRIPTION

WHAT NEXT

ESPVER-175

NAME

ESPVER-175 (error) The clock signal (%s) cannot be a vector.

DESCRIPTION

WHAT NEXT

ESPVER-176

NAME

ESPVER-176 (error) Multiple clocks are used in asynchronous always block.

DESCRIPTION

WHAT NEXT

ESPVER-178

NAME

ESPVER-178 (error) Port-range and net-range not same for net (%s).

DESCRIPTION

WHAT NEXT

ESPVER-186

NAME

ESPVER-186 (error) While / forever loop without an event control statement to break the infinite loop is not allowed.

DESCRIPTION

WHAT NEXT

ESPVER-187

NAME

ESPVER-187 (error) Unrollable for loop. Non-static expression cannot be evaluated at compile time.

DESCRIPTION

WHAT NEXT

ESPVER-188

NAME

ESPVER-188 (error) For loop index " %s " cannot be updated inside the for loop.

DESCRIPTION

WHAT NEXT

ESPVER-189

NAME

ESPVER-189 (error) Disable statement is not in the scope of block (%s).

DESCRIPTION

WHAT NEXT

ESPVER-196

NAME

ESPVER-196 (error) Task should not have event control statements.

DESCRIPTION

WHAT NEXT

ESPVER-200

NAME

ESPVER-200 (error) Non RTL forever/while loop in function/task.

DESCRIPTION

WHAT NEXT

ESPVER-204

NAME

ESPVER-204 (error) Nested function call detected inside function (%s).

DESCRIPTION

WHAT NEXT

ESPVER-206

NAME

ESPVER-206 (error) Condition in the if_elseif statement does not match those in the event control list.

DESCRIPTION

WHAT NEXT

ESPVER-207

NAME

ESPVER-207 (error) Condition expression "%s" for CASE statement has been previously assigned an unknown value.

DESCRIPTION

WHAT NEXT

ESPVER-215

NAME

ESPVER-215 (error) Operands for "/" and "%" operators should be constant valued expressions.

DESCRIPTION

WHAT NEXT

ESPVER-219

NAME

ESPVER-219 (error) Bit-select / part select on the port (%s) defined as scalar is not allowed.

DESCRIPTION

WHAT NEXT

ESPVER-222

NAME

ESPVER-222 (error) Both blocking & non-blocking assignments are being done on the variable (%s).

DESCRIPTION

WHAT NEXT

ESPVER-252

NAME

ESPVER-252 (error) Module or UDP : (%s) not defined.

DESCRIPTION

WHAT NEXT

ESPVER-253

NAME

ESPVER-253 (error) Recursive instantiation (%s) of module (%s).

DESCRIPTION

WHAT NEXT

ESPVER-264

NAME

ESPVER-264 (error) Module instance name not specified.

DESCRIPTION

WHAT NEXT

ESPVER-267

NAME

ESPVER-267 (error) Port expression in module header without named port cannot have partselect or bit select or concatenation.

DESCRIPTION

WHAT NEXT

ESPVER-269

NAME

ESPVER-269 (error) Incompatible declaration , (%s) defined as input at line no <%d>.

DESCRIPTION

WHAT NEXT

ESPVER-270

NAME

ESPVER-270 (error) Incompatible declaration , (%s) defined as inout at line no <%d>.

DESCRIPTION

WHAT NEXT

ESPVER-272

NAME

ESPVER-272 (error) Too many module instance parameter assignments : %s .

DESCRIPTION

WHAT NEXT

ESPVER-275

NAME

ESPVER-275 (error) Expression given for connection to null port.

DESCRIPTION

WHAT NEXT

ESPVER-277

NAME

ESPVER-277 (error) Port Range specified for a scalar net (%s).

DESCRIPTION

WHAT NEXT

ESPVER-281

NAME

ESPVER-281 (error) Port connections to inout port (%s) should be collapsible, i.e. connections should be nets of same size.

DESCRIPTION

WHAT NEXT

ESPVER-282

NAME

ESPVER-282 (error) Portname (%s) in instance (%s) does not match with parent.

DESCRIPTION

WHAT NEXT

ESPVER-283

NAME

ESPVER-283 (error) Too many connections for port (%s) in instance (%s).

DESCRIPTION

WHAT NEXT

ESPVER-285

NAME

ESPVER-285 (error) Output or inout connection in instantiation cannot be Reg type.

DESCRIPTION

WHAT NEXT

ESPVER-289

NAME

ESPVER-289 (error) Delay expression is invalid.

DESCRIPTION

WHAT NEXT

ESPVER-291

NAME

ESPVER-291 (error) Type mismatch for scope variable (%s).

DESCRIPTION

WHAT NEXT

ESPVER-294

NAME

ESPVER-294 (error) Multiple default items specified.

DESCRIPTION

WHAT NEXT

ESPVER-297

NAME

ESPVER-297 (error) UDP instance (%s) can have only two delay specification.

DESCRIPTION

WHAT NEXT

ESPVER-302

NAME

ESPVER-302 (error) Gatetype (%s) should have only one connection.

DESCRIPTION

WHAT NEXT

ESPVER-303

NAME

ESPVER-303 (error) Gatetype (%s) should have two connections.

DESCRIPTION

WHAT NEXT

ESPVER-304

NAME

ESPVER-304 (error) Gatetype (%s) should have at least two connection.

DESCRIPTION

WHAT NEXT

ESPVER-305

NAME

ESPVER-305 (error) Gatetype (%s) can have only three connections.

DESCRIPTION

WHAT NEXT

ESPVER-306

NAME

ESPVER-306 (error) Gatetype (%s) should have three connections.

DESCRIPTION

WHAT NEXT

ESPVER-307

NAME

ESPVER-307 (error) Gatetype (%s) should have four connections.

DESCRIPTION

WHAT NEXT

ESPVER-312

NAME

ESPVER-312 (error) Strength specification not valid for gatetype (%s).

DESCRIPTION

WHAT NEXT

ESPVER-314

NAME

ESPVER-314 (error) Both strengths cannot be highZ.

DESCRIPTION

WHAT NEXT

ESPVER-317

NAME

ESPVER-317 (error) Single drive strength is allowed for only pullup and pulldown gate types.

DESCRIPTION

WHAT NEXT

ESPVER-321

NAME

ESPVER-321 (error) Cannot specify 0 strength values for a PULLUP gate.

DESCRIPTION

WHAT NEXT

ESPVER-322

NAME

ESPVER-322 (error) Cannot specify 1 strength values for PULLDOWN gate.

DESCRIPTION

WHAT NEXT

ESPVER-326

NAME

ESPVER-326 (error) More than 2 delays cannot be specified for gatetype (%s).

DESCRIPTION

WHAT NEXT

ESPVER-327

NAME

ESPVER-327 (error) Delay cannot be specified with pullup or pulldown source.

DESCRIPTION

WHAT NEXT

ESPVER-328

NAME

ESPVER-328 (error) Delay cannot be specified for tran or rtran gate types.

DESCRIPTION

WHAT NEXT

ESPVER-332

NAME

ESPVER-332 (error) %s gate has illegal output specification.

DESCRIPTION

WHAT NEXT

ESPVER-333

NAME

ESPVER-333 (error) Gate has illegal output specification for (%s).

DESCRIPTION

WHAT NEXT

ESPVER-334

NAME

ESPVER-334 (error) %s gate has illegal inout specification.

DESCRIPTION

WHAT NEXT

ESPVER-338

NAME

ESPVER-338 (error) Input width is not same as output width for (%s) gate instance.

DESCRIPTION

WHAT NEXT

ESPVER-339

NAME

ESPVER-339 (error) Control or enable input should be single bit for (%s) gate instance.

DESCRIPTION

WHAT NEXT

ESPVER-344

NAME

ESPVER-344 (error) VECTORED keyword not allowed for reg declaration.

DESCRIPTION

WHAT NEXT

ESPVER-345

NAME

ESPVER-345 (error) VECTORED keyword not allowed for trireg declaration.

DESCRIPTION

WHAT NEXT

ESPVER-346

NAME

ESPVER-346 (error) Type mismatch for actual for task (%s).

DESCRIPTION

WHAT NEXT

ESPVER-347

NAME

ESPVER-347 (error) (%s) is not a task.

DESCRIPTION

WHAT NEXT

ESPVER-348

NAME

ESPVER-348 (error) (%s) is not a function.

DESCRIPTION

WHAT NEXT

ESPVER-349

NAME

ESPVER-349 (error) Task or function name (%s) not defined.

DESCRIPTION

WHAT NEXT

ESPVER-350

NAME

ESPVER-350 (error) Component name (%s) not a task or block.

DESCRIPTION

WHAT NEXT

ESPVER-351

NAME

ESPVER-351 (error) Function (%s) cannot enable a task.

DESCRIPTION

WHAT NEXT

ESPVER-352

NAME

ESPVER-352 (error) Recursion found in function (%s).

DESCRIPTION

WHAT NEXT

ESPVER-353

NAME

ESPVER-353 (error) Recursion stack overflow found in function evaluator.

DESCRIPTION

WHAT NEXT

ESPVER-355

NAME

ESPVER-355 (error) Function can not include delay (#) or event control (@, wait) statements.

DESCRIPTION

WHAT NEXT

ESPVER-356

NAME

ESPVER-356 (error) Non-blocking assignment statements in function are illegal.

DESCRIPTION

WHAT NEXT

ESPVER-357

NAME

ESPVER-357 (error) Illegal arguments to %s system task.

DESCRIPTION

WHAT NEXT

ESPVER-358

NAME

ESPVER-358 (error) Passing arguments to system task (%s) is not supported

DESCRIPTION

WHAT NEXT

ESPVER-359

NAME

ESPVER-359 (error) Illegal argument (%s) of system task/function.

DESCRIPTION

WHAT NEXT

ESPVER-361

NAME

ESPVER-361 (error) Procedural assignment statement cannot drive a net : %s.

DESCRIPTION

WHAT NEXT

ESPVER-362

NAME

ESPVER-362 (error) Left hand side of continuous assignment cannot be reg type.

DESCRIPTION

WHAT NEXT

ESPVER-363

NAME

ESPVER-363 (error) The left-hand-side of continous assignment is illegal.

DESCRIPTION

WHAT NEXT

ESPVER-364

NAME

ESPVER-364 (error) Illegal left-hand-side of an assignment.

DESCRIPTION

WHAT NEXT

ESPVER-365

NAME

ESPVER-365 (error) Illegal left-hand-side in ASSIGN statement.

DESCRIPTION

WHAT NEXT

ESPVER-366

NAME

ESPVER-366 (error) Illegal data type in DEASSIGN statement.

DESCRIPTION

WHAT NEXT

ESPVER-367

NAME

ESPVER-367 (error) Illegal left hand side for FORCE statement.

DESCRIPTION

WHAT NEXT

ESPVER-368

NAME

ESPVER-368 (error) Illegal data-type for RELEASE statement.

DESCRIPTION

WHAT NEXT

ESPVER-369

NAME

ESPVER-369 (error) A register must be specified to hold loop counter (%s).

DESCRIPTION

WHAT NEXT

ESPVER-371

NAME

ESPVER-371 (error) Specparam expected as identifier (%s).

DESCRIPTION

WHAT NEXT

ESPVER-372

NAME

ESPVER-372 (error) Implicit wire (%s) prohibited because default_nettype set to none

DESCRIPTION

WHAT NEXT

ESPVER-375

NAME

ESPVER-375 (error) Bit select on a scalar net.

DESCRIPTION

WHAT NEXT

ESPVER-376

NAME

ESPVER-376 (error) Part select on scalar net.

DESCRIPTION

WHAT NEXT

ESPVER-380

NAME

ESPVER-380 (error) Part select indices are wrong way around.

DESCRIPTION

WHAT NEXT

ESPVER-382

NAME

ESPVER-382 (error) Part select index is not constant.

DESCRIPTION

WHAT NEXT

ESPVER-384

NAME

ESPVER-384 (error) Concatenations may not have un-lengthed based numbers.

DESCRIPTION

WHAT NEXT

ESPVER-385

NAME

ESPVER-385 (error) Concatenations may not have un-lengthed numbers.

DESCRIPTION

WHAT NEXT

ESPVER-387

NAME

ESPVER-387 (error) Reduction AND cannot follow bitwise AND operator (use brackets).

DESCRIPTION

WHAT NEXT

ESPVER-389

NAME

ESPVER-389 (error) Expression uses reals in an illegal context.

DESCRIPTION

WHAT NEXT

ESPVER-391

NAME

ESPVER-391 (error) Component name (%s) not declared.

DESCRIPTION

WHAT NEXT

ESPVER-394

NAME

ESPVER-394 (error) Illegal reference to memory (%s).

DESCRIPTION

WHAT NEXT

ESPVER-396

NAME

ESPVER-396 (error) Illegal reference to event (%s).

DESCRIPTION

WHAT NEXT

ESPVER-400

NAME

ESPVER-400 (error) Value will truncate to 0 if expression is less than 1.

DESCRIPTION

WHAT NEXT

ESPVER-402

NAME

ESPVER-402 (error) Scalar expression can be only single bit.

DESCRIPTION

WHAT NEXT

ESPVER-404

NAME

ESPVER-404 (error) Illegal digit in based number (%s).

DESCRIPTION

WHAT NEXT

ESPVER-405

NAME

ESPVER-405 (error) Multiplier of Multiconcat "%s" should be a positive constant integer

DESCRIPTION

WHAT NEXT

ESPVER-409

NAME

ESPVER-409 (error) Illegal edge descriptor value.

DESCRIPTION

WHAT NEXT

ESPVER-412

NAME

ESPVER-412 (error) Only events may be triggerred, %s is not an event.

DESCRIPTION

WHAT NEXT

ESPVER-416

NAME

ESPVER-416 (error) (%s) is not a valid input path.

DESCRIPTION

WHAT NEXT

ESPVER-417

NAME

ESPVER-417 (error) (%s) is not a valid output path.

DESCRIPTION

WHAT NEXT

ESPVER-418

NAME

ESPVER-418 (error) Path (%s) is not valid, because it is not driven by a gate output.

DESCRIPTION

WHAT NEXT

ESPVER-419

NAME

ESPVER-419 (error) Path (%s) is not valid, because destination path can not be driven by bidirectional gates.

DESCRIPTION

WHAT NEXT

ESPVER-422

NAME

ESPVER-422 (error) Multi-input path list with vector is not allowed for parallel connect (*>).

DESCRIPTION

WHAT NEXT

ESPVER-423

NAME

ESPVER-423 (error) More than one output in output path list for parallel connect.

DESCRIPTION

WHAT NEXT

ESPVER-425

NAME

ESPVER-425 (error) (%s) is not in a downward path.

DESCRIPTION

WHAT NEXT

ESPVER-428

NAME

ESPVER-428 (error) Register (%s) in specify block path.

DESCRIPTION

WHAT NEXT

ESPVER-430

NAME

ESPVER-430 (error) Bitselect not allowed for pathdelay value expression, specparam expected.

DESCRIPTION

WHAT NEXT

ESPVER-431

NAME

ESPVER-431 (error) Partselect not allowed for pathdelay value expression, specparam expected.

DESCRIPTION

WHAT NEXT

ESPVER-437

NAME

ESPVER-437 (error) Size mismatch between input and output port for parallel connect.

DESCRIPTION

WHAT NEXT

ESPVER-444

NAME

ESPVER-444 (error) Illegal initial value for UDP.

DESCRIPTION

WHAT NEXT

ESPVER-445

NAME

ESPVER-445 (error) Illegal initial statement for UDP.

DESCRIPTION

WHAT NEXT

ESPVER-457

NAME

ESPVER-457 (error) Module (%s) has a timescale directive while previous modules do not.

DESCRIPTION

WHAT NEXT

ESPVER-460

NAME

ESPVER-460 (error) Macro (%s) is same as compiler directive.

DESCRIPTION

WHAT NEXT

ESPVER-462

NAME

ESPVER-462 (error) Macro with arguments is not supported in OVI1.0 .

DESCRIPTION

WHAT NEXT

ESPVER-463

NAME

ESPVER-463 (error) Instance array not supported in OVI1.0 .

DESCRIPTION

WHAT NEXT

ESPVER-464

NAME

ESPVER-464 (error) OVI2.0 keyword (%s) used here.

DESCRIPTION

WHAT NEXT

ESPVER-470

NAME

ESPVER-470 (error) No top level module found in design.

DESCRIPTION

WHAT NEXT

ESPVER-471

NAME

ESPVER-471 (error) Level argument out of scope (0-2)

DESCRIPTION

WHAT NEXT

ESPVER-481

NAME

ESPVER-481 (error) Syntax error near (%s).\n\n %s <-%s

DESCRIPTION

WHAT NEXT

ESPVER-482

NAME

ESPVER-482 (error) Syntax error before token (%s).

DESCRIPTION

WHAT NEXT

ESPVER-485

NAME

ESPVER-485 (error) Include file (%s) could not be found or opened in read mode.

DESCRIPTION

WHAT NEXT

ESPVER-486

NAME

ESPVER-486 (error) Recursive include detected for file (%s).

DESCRIPTION

WHAT NEXT

ESPVER-488

NAME

ESPVER-488 (error) Missing " in include directive.

DESCRIPTION

WHAT NEXT

ESPVER-490

NAME

ESPVER-490 (error) Include files nested too deeply.

DESCRIPTION

WHAT NEXT

ESPVER-495

NAME

ESPVER-495 (error) All `ifdef directives not closed before EOF.

DESCRIPTION

WHAT NEXT

ESPVER-496

NAME

ESPVER-496 (error) End of File detected inside ifdef.

DESCRIPTION

WHAT NEXT

ESPVER-497

NAME

ESPVER-497 (error) End of File detected inside else if.

DESCRIPTION

WHAT NEXT

ESPVER-502

NAME

ESPVER-502 (error) Mismatching `else compiler directive.

DESCRIPTION

WHAT NEXT

ESPVER-509

NAME

ESPVER-509 (error) Compiler directive not allowed inside module definition boundary.

DESCRIPTION

WHAT NEXT

ESPVER-511

NAME

ESPVER-511 (error) Invalid strength type for `unconnected_drive directive.

DESCRIPTION

WHAT NEXT

ESPVER-520

NAME

ESPVER-520 (error) Unterminated quoted string.

DESCRIPTION

WHAT NEXT

ESPVER-521

NAME

ESPVER-521 (error) Unterminated comment.

DESCRIPTION

WHAT NEXT

ESPVER-527

NAME

ESPVER-527 (error) Syntax error in the definition of macro (%s).

DESCRIPTION

WHAT NEXT

ESPVER-528

NAME

ESPVER-528 (error) Syntax error : cannot expand macro (%s).

DESCRIPTION

WHAT NEXT

ESPVER-530

NAME

ESPVER-530 (error) Syntax error : Uselib specification is incorrect.

DESCRIPTION

WHAT NEXT

ESPVER-533

NAME

ESPVER-533 (error) Used macro (%s) has not been defined.

DESCRIPTION

WHAT NEXT

ESPVER-535

NAME

ESPVER-535 (error) Macro (%s) is used without argument, though defined with arguments.

DESCRIPTION

WHAT NEXT

ESPVER-536

NAME

ESPVER-536 (error) Argument number mismatch for macro (%s).

DESCRIPTION

WHAT NEXT

ESPVER-537

NAME

ESPVER-537 (error) Recursion found in macro (%s).

DESCRIPTION

WHAT NEXT

ESPVER-541

NAME

ESPVER-541 (error) Edge symbol must have only two level symbols concatenated.

DESCRIPTION

WHAT NEXT

ESPVER-551

NAME

ESPVER-551 (error) Name of module missing.

DESCRIPTION

WHAT NEXT

ESPVER-552

NAME

ESPVER-552 (error) Name of udp missing.

DESCRIPTION

WHAT NEXT

ESPVER-554

NAME

ESPVER-554 (error) Name of function missing.

DESCRIPTION

WHAT NEXT

ESPVER-561

NAME

ESPVER-561 (error) endmodule missing.

DESCRIPTION

WHAT NEXT

ESPVER-562

NAME

ESPVER-562 (error) endprimitive missing.

DESCRIPTION

WHAT NEXT

ESPVER-563

NAME

ESPVER-563 (error) endattribute missing.

DESCRIPTION

WHAT NEXT

ESPVER-564

NAME

ESPVER-564 (error) endfunction missing.

DESCRIPTION

WHAT NEXT

ESPVER-565

NAME

ESPVER-565 (error) endtask missing.

DESCRIPTION

WHAT NEXT

ESPVER-566

NAME

    ESPVER-566 (error) endtable missing.

DESCRIPTION

WHAT NEXT

ESPVER-569

NAME

    ESPVER-569 (error) end missing.

DESCRIPTION

WHAT NEXT

ESPVER-570

NAME

    ESPVER-570 (error) join missing.

DESCRIPTION

WHAT NEXT

ESPVER-573

NAME

    ESPVER-573 (error) semicolon missing.

DESCRIPTION

WHAT NEXT

ESPVER-576

NAME

ESPVER-576 (error) '*)' missing.

DESCRIPTION

WHAT NEXT

ESPVER-585

NAME

ESPVER-585 (error) Instance specific definition not found in `uselib path.

DESCRIPTION

WHAT NEXT

ESPVER-589

NAME

ESPVER-589 (error) Module name (%s) previously declared.

DESCRIPTION

WHAT NEXT

ESPVER-590

NAME

ESPVER-590 (error) UDP name (%s) previously declared.

DESCRIPTION

WHAT NEXT

ESPVER-591

NAME

ESPVER-591 (error) Gate name (%s) previously declared.

DESCRIPTION

WHAT NEXT

ESPVER-596

NAME

ESPVER-596 (error) Block name (%s) previously declared.

DESCRIPTION

WHAT NEXT

ESPVER-600

NAME

ESPVER-600 (error) Variable name (%s) previously declared.

DESCRIPTION

WHAT NEXT

ESPVER-602

NAME

ESPVER-602 (error) Redefinition of name (%s).

DESCRIPTION

WHAT NEXT

ESPVER-605

NAME

ESPVER-605 (error) Illegal use of identifier (%s).

DESCRIPTION

WHAT NEXT

ESPVER-606

NAME

ESPVER-606 (error) Identifier (%s) not declared in current scope.

DESCRIPTION

WHAT NEXT

ESPVER-627

NAME

ESPVER-627 (error) Mismatch in number of actuals and formals for task/function (%s).

DESCRIPTION

WHAT NEXT

ESPVER-629

NAME

ESPVER-629 (error) Too few arguments to call task (%s).

DESCRIPTION

WHAT NEXT

ESPVER-643

NAME

ESPVER-643 (error) Port (%s) not defined as input, output or inout.

DESCRIPTION

WHAT NEXT

ESPVER-647

NAME

ESPVER-647 (error) (%s) is declared as input though not in module header.

DESCRIPTION

WHAT NEXT

ESPVER-648

NAME

ESPVER-648 (error) (%s) is declared as output though not in module header.

DESCRIPTION

WHAT NEXT

ESPVER-649

NAME

ESPVER-649 (error) (%s) is declared as inout though not in module header.

DESCRIPTION

WHAT NEXT

ESPVER-653

NAME

ESPVER-653 (error) Port (%s) is already declared.

DESCRIPTION

WHAT NEXT

ESPVER-663

NAME

ESPVER-663 (error) Port with name (%s) already found.

DESCRIPTION

WHAT NEXT

ESPVER-667

NAME

ESPVER-667 (error) Expression on output port.

DESCRIPTION

WHAT NEXT

ESPVER-668

NAME

ESPVER-668 (error) Illegal expression for module output port.

DESCRIPTION

WHAT NEXT

ESPVER-672

NAME

ESPVER-672 (error) Register not allowed in input or inout port.

DESCRIPTION

WHAT NEXT

ESPVER-675

NAME

ESPVER-675 (error) Direction already specified for the object (%s).

DESCRIPTION

WHAT NEXT

ESPVER-676

NAME

ESPVER-676 (error) Direction can not be specified for this object (%s).

DESCRIPTION

WHAT NEXT

ESPVER-687

NAME

ESPVER-687 (error) Illegal output/inout port specification for instance (%s).

DESCRIPTION

WHAT NEXT

ESPVER-690

NAME

ESPVER-690 (error) Too many connections (%d more) for instance (%s) at port expression (%s).

DESCRIPTION

WHAT NEXT

ESPVER-697

NAME

ESPVER-697 (error) Port list vector reference to a scalar is illegal.

DESCRIPTION

WHAT NEXT

ESPVER-699

NAME

ESPVER-699 (error) Conflict in vectored net expansion for %s.

DESCRIPTION

WHAT NEXT

ESPVER-712

NAME

ESPVER-712 (error) Only reg type net declarations are allowed inside block statements.

DESCRIPTION

WHAT NEXT

ESPVER-714

NAME

ESPVER-714 (error) Event declaration inside scope other then module is not supported.

DESCRIPTION

WHAT NEXT

ESPVER-718

NAME

ESPVER-718 (error) In udp the port (%s) is already declared.

DESCRIPTION

WHAT NEXT

ESPVER-719

NAME

ESPVER-719 (error) Vectored terminals are not allowed in primitive definitions.

DESCRIPTION

WHAT NEXT

ESPVER-722

NAME

ESPVER-722 (error) In udp table no of columns mismatch with no of ports.

DESCRIPTION

WHAT NEXT

ESPVER-725

NAME

ESPVER-725 (error) The first terminal (%s) must be declared as output in udp header.

DESCRIPTION

WHAT NEXT

ESPVER-726

NAME

ESPVER-726 (error) In udp only the first port (%s) in the portlist can be declared as output. But (%s) is declared as output.

DESCRIPTION

WHAT NEXT

ESPVER-727

NAME

ESPVER-727 (error) Only one output terminal may be allowed in a primitive definition.

DESCRIPTION

WHAT NEXT

ESPVER-731

NAME

ESPVER-731 (error) (%s) is declared as output though not in udp header.

DESCRIPTION

WHAT NEXT

ESPVER-732

NAME

ESPVER-732 (error) (%s) is declared as input though not in udp header.

DESCRIPTION

WHAT NEXT

ESPVER-735

NAME

ESPVER-735 (error) (%s) is declared as reg type though not output type.

DESCRIPTION

WHAT NEXT

ESPVER-736

NAME

ESPVER-736 (error) (%s) is declared as reg type though not in udp header.

DESCRIPTION

WHAT NEXT

ESPVER-741

NAME

ESPVER-741 (error) No connection to UDP output port (%s).

DESCRIPTION

WHAT NEXT

ESPVER-743

NAME

ESPVER-743 (error) Instance (%s) defined incorrectly. Named port association is not allowed in UDP instances.

DESCRIPTION

WHAT NEXT

ESPVER-748

NAME

ESPVER-748 (error) In udp initial statement attached to a net (%s) that is not already declared.

DESCRIPTION

WHAT NEXT

ESPVER-749

NAME

ESPVER-749 (error) In udp initial statement attached to a net (%s) which is not declared as output.

DESCRIPTION

WHAT NEXT

ESPVER-754

NAME

ESPVER-754 (error) Present state can have only one level sumbol.

DESCRIPTION

WHAT NEXT

ESPVER-755

NAME

ESPVER-755 (error) In sequential udp one table entry cannot have more than one edge.

DESCRIPTION

WHAT NEXT

ESPVER-756

NAME

ESPVER-756 (error) UDP table entry conflicts with entry defined at line %d.

DESCRIPTION

WHAT NEXT

ESPVER-757

NAME

ESPVER-757 (error) Primitive table has invalid edge specifications : (%s).

DESCRIPTION

WHAT NEXT

ESPVER-760

NAME

ESPVER-760 (error) Combinational UDP cannot have Initial Statement.

DESCRIPTION

WHAT NEXT

ESPVER-762

NAME

ESPVER-762 (error) Combinational UDP cannot have output declared as REG. But port (%s) is declared as REG.

DESCRIPTION

WHAT NEXT

ESPVER-767

NAME

ESPVER-767 (error) Sequential UDP must have output declared as REG. But port (%s) is not declared as REG.

DESCRIPTION

WHAT NEXT

ESPVER-775

NAME

ESPVER-775 (error) Initial statement not allowed in this scope.

DESCRIPTION

WHAT NEXT

ESPVER-776

NAME

ESPVER-776 (error) Always statement not allowed in this scope.

DESCRIPTION

WHAT NEXT

ESPVER-781

NAME

ESPVER-781 (error) Illegal scope for variable (%s).

DESCRIPTION

WHAT NEXT

ESPVER-782

NAME

ESPVER-782 (error) Illegal scope found for scope variable (%s).

DESCRIPTION

WHAT NEXT

ESPVER-783

NAME

ESPVER-783 (error) Variable must be of type genvar (%s)

DESCRIPTION

WHAT NEXT

ESPVER-807

NAME

ESPVER-807 (error) Incompatible declaration, (%s) defined as vectored at line no <%d>.

DESCRIPTION

WHAT NEXT

ESPVER-809

NAME

ESPVER-809 (error) Illegal hierarchial reference in a constant expression.

DESCRIPTION

WHAT NEXT

ESPVER-810

NAME

ESPVER-810 (error) Only constant expression is allowed here.

DESCRIPTION

WHAT NEXT

ESPVER-811

NAME

ESPVER-811 (error) Object is of not valid type to be used in expression.

DESCRIPTION

WHAT NEXT

ESPVER-812

NAME

ESPVER-812 (error) Hierarchical reference bit select may be only of type unsigned number

DESCRIPTION

WHAT NEXT

ESPVER-821

NAME

ESPVER-821 (error) Unknown operator type given for evaluation.

DESCRIPTION

WHAT NEXT

ESPVER-823

NAME

ESPVER-823 (error) Unknown operator type given for expr width calculation.

DESCRIPTION

WHAT NEXT

ESPVER-832

NAME

ESPVER-832 (error) Builtin attributes may be specified only during instance attribute.

DESCRIPTION

WHAT NEXT

ESPVER-834

NAME

ESPVER-834 (error) Name given to the instance attribute is not unique.

DESCRIPTION

WHAT NEXT

ESPVER-835

NAME

ESPVER-835 (error) Class name (%s) associated to instance attribute does not exist.

DESCRIPTION

WHAT NEXT

ESPVER-836

NAME

ESPVER-836 (error) Attribute class "%s" undeclared.

DESCRIPTION

WHAT NEXT

ESPVER-837

NAME

ESPVER-837 (error) Same attribute class declared more than once.

DESCRIPTION

WHAT NEXT

ESPVER-841

NAME

ESPVER-841 (error) Could not open file "%s" for reading.

DESCRIPTION

WHAT NEXT

ESPVER-842

NAME

ESPVER-842 (error) File "%s" does not exist.

DESCRIPTION

WHAT NEXT

ESPVER-850

NAME

ESPVER-850 (error) Premature end of source.

DESCRIPTION

WHAT NEXT

ESPVER-851

NAME

ESPVER-851 (error) End of File detected inside ifdef.

DESCRIPTION

WHAT NEXT

ESPVER-901

NAME

ESPVER-901 (fatal) The argument passed (type : %s) to the function (%s) is not of expected type.

DESCRIPTION

WHAT NEXT

ESPVER-902

NAME

ESPVER-902 (fatal) veAnalyze() must be called before calling this routine.

DESCRIPTION

WHAT NEXT

ESPVER-903

NAME

ESPVER-903 (fatal) Argument passed is not of specified type.

DESCRIPTION

WHAT NEXT

ESPVER-904

NAME

ESPVER-904 (fatal) Out of range error for the expression in line %d in file %s in instance %s.

DESCRIPTION

WHAT NEXT

ESPVER-905

NAME

ESPVER-905 (fatal) Out of range error for the expression in line %d in file %s.

DESCRIPTION

WHAT NEXT

ESPVER-906

NAME

ESPVER-906 (fatal) Message %d doesn't exist.

DESCRIPTION

WHAT NEXT

ESPVER-907

NAME

ESPVER-907 (fatal) veInit() must be called before calling this routine.

DESCRIPTION

WHAT NEXT

ESPVER-908

NAME

ESPVER-908 (fatal) The severity of message %d can't be changed.

DESCRIPTION

WHAT NEXT

ESPVER-909

NAME

ESPVER-909 (fatal) Unknown severity %d .

DESCRIPTION

WHAT NEXT

ESPVER-910

NAME

ESPVER-910 (fatal) The message %d can't be suppressed.

DESCRIPTION

WHAT NEXT

ESPVER-911

NAME

ESPVER-911 (fatal) Null Object Passed to the function %s.

DESCRIPTION

WHAT NEXT

ESPVER-912

NAME

ESPVER-912 (fatal) Unable to open file : decompFile.

DESCRIPTION

WHAT NEXT

ESPVER-913

NAME

ESPVER-913 (fatal) ASSERT : Unsupported expression type in connection expression.

DESCRIPTION

WHAT NEXT

ESPVER-914

NAME

ESPVER-914 (fatal) ASSERT : Object other than net in connection expression, is not supported yet.

DESCRIPTION

WHAT NEXT

ESPVER-915

NAME

ESPVER-915 (fatal) The Stack passed to function %s is empty.

DESCRIPTION

WHAT NEXT

ESPVER-916

NAME

ESPVER-916 (fatal) Argument is NULL.

DESCRIPTION

WHAT NEXT

ESPVER-917

NAME

ESPVER-917 (fatal) Non supported construct encountered in evluating function.

DESCRIPTION

WHAT NEXT

ESPVER-918

NAME

ESPVER-918 (fatal) Incorrect expression string (%s).

DESCRIPTION

WHAT NEXT

ESPVER-951

NAME

ESPVER-951 (fatal) Illegal use of reserved keyword %s.

DESCRIPTION

WHAT NEXT

ESPVER-952

NAME

ESPVER-952 (fatal) More than one port may not occur on the same line.

DESCRIPTION

WHAT NEXT

ESPVER-953

NAME

ESPVER-953 (fatal) All INPUT ports must first be defined before defining an OUTPUT port.

DESCRIPTION

WHAT NEXT

ESPVER-954

NAME

ESPVER-954 (fatal) Port %s defined without a comment describing it on the same line.

DESCRIPTION

WHAT NEXT

ESPVER-955

NAME

ESPVER-955 (fatal) Need a comment to describe group of ports.

DESCRIPTION

WHAT NEXT

ESPVER-956

NAME

ESPVER-956 (fatal) More than one HDL statement may not occur on the same line.

DESCRIPTION

WHAT NEXT

ESPVER-957

NAME

ESPVER-957 (fatal) Line length exceeds %d characters.

DESCRIPTION

WHAT NEXT

ESPVER-958

NAME

ESPVER-958 (fatal) Tabs not permitted in source file - please replace by equivalent spaces.

DESCRIPTION

WHAT NEXT

ESPVER-959

NAME

ESPVER-959 (fatal) The %d character prefix of the name "%s" need to be different from "%s" defined at %s(%d).

DESCRIPTION

WHAT NEXT

ESPVER-960

NAME

ESPVER-960 (fatal) Cannot instantiate gate "%s" directly in design.

DESCRIPTION

WHAT NEXT

ESPVER-961

NAME

ESPVER-961 (fatal) Cannot use hard coded numeric value %s.

DESCRIPTION

WHAT NEXT

ESPVER-962

NAME

ESPVER-962 (fatal) Cannot use pragma "%s" in design.

DESCRIPTION

WHAT NEXT

ESPVER-963

NAME

ESPVER-963 (fatal) Use unique name - object by name %s exist at line %d.

DESCRIPTION

WHAT NEXT

ESPVER-964

NAME

ESPVER-964 (fatal) Identifier "%s" length exceeds %d characters.

DESCRIPTION

WHAT NEXT

ESPVER-965

NAME

ESPVER-965 (fatal) %d blank line(s) required between input and output ports.

DESCRIPTION

WHAT NEXT

ESPVER-966

NAME

ESPVER-966 (fatal) Explicit named association must be used in instance port maps.

DESCRIPTION

WHAT NEXT

ESPVER-967

NAME

ESPVER-967 (fatal) The %d character prefix of the name "%s" need to be different from "%s" defined at %s(%d).

DESCRIPTION

WHAT NEXT

ESPVER-968

NAME

ESPVER-968 (fatal) "%s" differs in case only from "%s" defined at %s(%d).

DESCRIPTION

WHAT NEXT

ESPVER-969

NAME

ESPVER-969 (fatal) Comment with more than one line is used here.

DESCRIPTION

WHAT NEXT

ESPVER-970

NAME

ESPVER-970 (fatal) %s statements are not supported.

DESCRIPTION

WHAT NEXT

ESPVER-971

NAME

ESPVER-971 (fatal) Illegal exit from loop with disable statement.

DESCRIPTION

WHAT NEXT

ESPVER-972

NAME

ESPVER-972 (fatal) Blocking assignments are illegal within edge triggered always block.

DESCRIPTION

WHAT NEXT

ESPVER-975

NAME

ESPVER-975 (fatal) Indentation mismatch.

DESCRIPTION

WHAT NEXT

ESPVER-976

NAME

ESPVER-976 (fatal) Parenthesis expected for the expression.

DESCRIPTION

WHAT NEXT

ESPVER-977

NAME

ESPVER-977 (fatal) Module (%s) is also defined in file (%s).

DESCRIPTION

WHAT NEXT

ESPVER-998

NAME

ESPVER-998 (fatal) %s

DESCRIPTION

WHAT NEXT

FLT Error Messages

messages

NAME

FLT-002 (information) Errors preprocessing compiled filter.

DESCRIPTION

This is a summary message generated after a filter expression has successfully parsed, but unsuccessfully processed because of an unknown identifier, type mismatch in a relation, or invalid operator in a relation.

WHAT NEXT

Look at previous error messages to determine the problem with the filter expression. Correct the problems, and retry the operation.

messages

NAME

FLT-003 (error) while parsing filter expression: %s\n\tat '%s'

DESCRIPTION

A filter expression could not be successfully parsed, typically because of a syntax error. The point in the expression that caused the failure is shown along with the remainder of the expression.

WHAT NEXT

Look at the man pages for filter expression syntax, and verify that your expression conforms to the syntax. Ensure that supported relation and logical operators are in use, that the expression is constructed of a series of relations separated by logical operations, etc.

messages

NAME

FLT-005 (error) Unknown attribute '%s'.

DESCRIPTION

Filters are evaluated within a context. Given the current context, an attribute which you entered is unknown.

A relation in a filter expression is very simple. For example, "area <= 2.4". In this case, the attribute is "area". If you were applying the filter to a pin collection, since "area" is not a valid pin attribute, this error would occur.

WHAT NEXT

Look at the man pages for the given command, and ascertain the valid values for attributes.

---

messages

NAME

FLT-006 (error) Type mismatch between '%s' and '%s'.

DESCRIPTION

A relation in a your filter expression has an identifier and value with inconsistent types. The following simple rules apply:

```
Identifier  Type mismatch
generates:  when value is:
--------------------------------------------------
string   n/a - never an error
numeric literal  string, true, false
boolean    numeric literal, string
```

Note some important distictions: the boolean words TRUE and FALSE are interpreted as strings in a string relation, or as boolean in a boolean relation. Simlilarly, the numeric literal 2.4E-9 is interpretted as a string in a string relation, or as a number in a numeric relation.

WHAT NEXT

Re-enter the filter with valid identifier/value relations.

---

messages

NAME

FLT-007 (error) Invalid operator '%s' for '%s' and '%s'.

DESCRIPTION

A relation in a your filter expression has an identifier and value with consistent types but an invalid operator. The following simple rules apply:

```
Type:    Invalid operators:
----------------------------------------------------
string   None.  All operators ok.
numeric literal  =~, !~
boolean   =~, !~, <, >, >=, <=
```

WHAT NEXT

Re-enter the filter with a valid operator for the failed relation.

SEL Error Messages

messages

NAME

SEL-001 (error) No such collection '%s'

DESCRIPTION

The collection which you specified does not exist.

WHAT NEXT

Verify that the collection is the one you want. It is possible that it existed, but was transient. Transient collections are automatically garbage-collected and cannot be relied upon across command boundaries. In order to make a collection persistent, set it to a variable, and then use it. For example:

```
set uPorts [get_ports U*]

command_for_ports $uPorts
```

messages

NAME

SEL-002 (warning) Collection '%s' has inappropriate type (%s).

DESCRIPTION

The collection which you specified contains objects which are not acceptable for this command. Either the data type of the objects is incorrect, or the objects are out of context (for example, they are not in the current design).

WHAT NEXT

Check the command to determine the allowable object types for it, or specify objects that are in the correct context.

---

messages

NAME

SEL-003 (warning) Nothing implicitly matched '%s'

DESCRIPTION

The pattern which you specified did not match any objects of the classes acceptable for this command.

WHAT NEXT

Check the pattern to see if it is what you expected.

---

messages

NAME

SEL-004 (warning) No %s objects matched '%s'

DESCRIPTION

The pattern which you specified did not match any objects of the class acceptable for this command.

WHAT NEXT

Check the pattern to see if it is what you expected.

---

messages

NAME

SEL-005 (error) Nothing matched for %s

DESCRIPTION

The pattern(s) which you specified did not match any objects.

WHAT NEXT

Check the values which you entered.

---

messages

NAME

SEL-006 (error) More than one object matched for '%s'.

DESCRIPTION

The pattern(s) which you specified matched more than one object. This command option accepts only a single object.

WHAT NEXT

Check the values which you entered.

---

messages

NAME

SEL-007 (error) Invalid index %d for collection %s

DESCRIPTION

During an iteration over a collection (with foreach_in_collection), an invalid index was generated.

WHAT NEXT

Contact your application consultant.

---

messages

NAME

SEL-008 (warning) Collection/attribute class '%s' has not been defined

DESCRIPTION

The collection class which you specified does not exist. Classes of objects include designs, cells, etc.

WHAT NEXT

Verify that the class name is spelled correctly, or that the class of objects is applicable for this product.

---

messages

NAME

SEL-009 (warning) Collection class '%s' cannot be %s

DESCRIPTION

The collection class which you specified cannot be used for the operation you attempted. Some collection classes cannot be queried, indexed, or copied, so they cannnot be used as an argument to query_objects, index_collection, or copy_collection.

WHAT NEXT

Only use collections of this class as arguments to appropriate commands.

---

messages

NAME

SEL-010 (warning) %s objects from '%s' were of the %scorrect class.

DESCRIPTION

A heterogeneous collection was passed to another command. This collection contained some objects that were of a class which is not accepted by the command. The message will indicate whether some objects or no objects were accepted by the command.

WHAT NEXT

Some commands continue to operate when only a subset of the patterns match. Other commands only perform their action when all patterns match something. So, verify that the command was applied to the objects which were expected.

messages

NAME

SEL-011 (warning) Some objects (%s) could not be queried.

DESCRIPTION

A heterogeneous collection was passed into query_objects. This collection contained some objects that were of a class which cannot be the target of a query.

WHAT NEXT

There is no adverse affect of this situation.

messages

NAME

SEL-012 (information) Iteration for collection %s was terminated\n\tbecause the collection was modified or deleted.

DESCRIPTION

Commands in the body of a **foreach_in_collection** can affect the collection which is currently in iteration. Some commands can cause objects to be removed from the collection, and others can cause the collection to be deleted. When such events occur, the iterator is modified and in some cases will terminate. This message advises you of that event.

For example:

foreach_in_collection itr [get_cells *] { remove_design [current_design] }
would cause the collection of cells to be deleted, and the iteration would be terminated.

WHAT NEXT

No action is required.

messages

NAME

SEL-013 (error) Regular expression error: %s.

DESCRIPTION

While using a regular expression with a collection command, you entered an invalid regular expression. For example, use of the * (zero or more) or + (one or more) operators alone always yields the empty set; therefore, ".*" or ".+" would be appropriate. Other errors such as unmatched parenthesis or invalid characters within square braces will also cause this error.

WHAT NEXT

Take action based on the error that occurred.

messages

NAME

SEL-014 (error) At least one %scollection required for argument '%s'%s

DESCRIPTION

Some commands do not allow heterogeneous collections as arguments, whereas others allow them only in some contexts. Other commands require at least one collection as an argument. You entered a variation of a command which requires at least one collection (either homogeneous, or of either type) for the named argument.

WHAT NEXT

Consult the man page from the command which failed for further information.

messages

NAME

SEL-015 (warning) Ignored all implicit elements in argument '%s'%s

DESCRIPTION

Many commands allow implicit searches for objects - an argument can be a list of collections or patterns which are searched for in a documented set of object classes. However, in some cases, it is not possible to determine any object classes in which to search for an implicit pattern. For example, attempting to add

an implicit pattern to a heterogeneous collection with **add_to_collection** would cause this warning.

WHAT NEXT

Consult the man page from the command which failed for further information.

---

messages

NAME

SEL-016 (error) Name patterns are not allowed in this argument context - the pattern %s will be skipped/ignored; use only collections in this argument context.

DESCRIPTION

Many commands allow implicit searches for objects - an argument can be a list of collections or name patterns which are searched for in a documented set of object classes. However, in some cases, when there is more than one object class to be searched, it is not allowed to include name patterns, and only collections should be included in such an argument.

WHAT NEXT

In the argument context in which this error happened, remove all name patterns from the offending argument, and make sure that only collections are included in the argument. You can typically use a "get" command to convert a name pattern to a collection.

SEL-017

NAME

SEL-017 (error) %s index %s for collection %s

DESCRIPTION

WHAT NEXT

UI Error Messages

UI-74

NAME

UI-74 (warning) Cannot use command line editor for terminal type '%s'.

DESCRIPTION

WHAT NEXT

UIAT Error Messages

UIAT-5

NAME

UIAT-5 (warning) Cannot get attribute for more than one object.

DESCRIPTION

While getting the value of an attribute, you specified more than one object. You can only get the attribute for a single object.

WHAT NEXT

Specify a single object.