

Change as shown in red Section 7.10.1 – In Built-in methods section

7.10.1 Built-in namespace package

SystemVerilog provides a built-in namespace package that contains system types (e.g., classes), variables, tasks, and functions. ~~The builtin namespace resides at the top of the hierarchy.~~ Users may not insert additional declarations into the built-in namespace package. The built-in package is implicitly wildcard imported into the compilation-unit scope of every compilation unit (see Section 18.3). ~~The~~ Thus, declarations in the built-in namespace package are directly available in any scope, (like system tasks and functions,) ~~and can be unless they are redefined by user code. in any other scope. However, unlike system tasks and functions, the tasks and functions in the built in namespace may not be redefined by PLI functions.~~

| | |
|---|--------------------------|
| <code>built_in_data_type ::= [std ::] data_type_identifier</code> | <i>// Not in Annex A</i> |
| <code>built_in_function_call ::= [std ::] built_in_identifier [(list_of_arguments)]</code> | |

The package name **std** followed by the scope resolution operator `::` ~~with no identifier on the left~~ can be used to unambiguously access names in the built-in namespace package. For example:

```
std::sys_task();           // unambiguously call the system provided sys_task
```

Unlike system tasks and functions, tasks and functions in the built-in namespace package need not be prefixed with a `$` to avoid collisions with user-defined identifiers. This mechanism allows functional extensions to the language in a backward compatible manner, without the addition of new keywords or polluting local name spaces.