

## art - Support #24360

### cetskelgen SHARED module

04/29/2020 11:10 PM - Saba Sehrish

<b>Status:</b>	Closed	<b>Start date:</b>	04/29/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Kyle Knoepfel	<b>% Done:</b>	100%
<b>Category:</b>	Documentation	<b>Estimated time:</b>	4.00 hours
<b>Target version:</b>	3.06.00	<b>Spent time:</b>	2.00 hours
<b>Scope:</b>	Internal	<b>SSI Package:</b>	
<b>Experiment:</b>	-		

#### Description

I can't seem to make a shared analyzer using cetskelgen, for example the following gives me an error:

```
$ cetskelgen analyzer icaruswf --flavor SHARED
ERROR: Expected exactly two non-option arguments.
Usage:
  cetskelgen -h | --help | -?

  cetskelgen --help-types

  cetskelgen --help-type *plugin-type*

  cetskelgen [*options*] [--]
  [*plugin-type*[:*plugin-option*[,*plugin-option*+]]] *qualified-name*

*Options*: --all-entries|-A | --boilerplate|-b *file* |
--entries|--entry|-e *entry*+ | --header-loc *path* |
--output-dir|--dir|-d *dir* | --split | --split-ext
[*lib-source-extension*] | --verbose|-v

Options marked with + are repeatable and cumulative.
```

#### History

##### #1 - 05/04/2020 10:21 AM - Kyle Knoepfel

- Estimated time set to 4.00 h
- Assignee set to Kyle Knoepfel
- Status changed from New to Assigned

##### #2 - 05/13/2020 03:55 PM - Kyle Knoepfel

- Target version set to 3.06.00

##### #3 - 06/25/2020 02:11 PM - Kyle Knoepfel

- % Done changed from 0 to 100
- Status changed from Assigned to Resolved
- Category set to Documentation
- Tracker changed from Bug to Support

It turns out that the instructions for how to do this correctly were in the help message above:

```
cetskelgen [options] [--] [plugin-type[:plugin-option[,plugin-option+]] qualified-name
```

meaning that the correct syntax for this case would be:

```
$ cetskelgen analyzer:--flavor,SHARED icaruswf
INFO: Wrote ../../icaruswf_module.cc
```

I have slightly expanded the documentation for the art-supported plugins to help clarify the usage:

```
$ cetskelgen --help-type analyzer
```

```
* analyzer from art version v3_05_01
Usage: cetskelgen [options] [--] analyzer[:<arg>] qualified-name
Args:
  [--flavor, <LEGACY|SHARED|REPLICATED>]
  Define the threading flavor of the analyzer (default LEGACY).
```

Implement with commit [art:c590faf6](#).

**#4 - 07/10/2020 01:59 PM - Kyle Knoepfel**

- *Status changed from Resolved to Closed*