Code/Markup Template Support

Code Templates

- Emacs:
 Using Skeletons
 Skeleton Langua
 Tempo Skeleton Language

See also: <u>**∑** Inserting Text</u>

- PEL provides <u>Emacs Tempo Skeletons</u> specialized for some programming and markup languages, listed in this table.

 The format of the text inserted by these templates is specialized to each context but is also customizable through a set of PEL user-option variables that are listed in the tables. Some of the concepts apply to several languages, some only apply to a very specific one.
- The key bindings to insert text from the templates use the <f12> <f12> key prefix for the supported major modes.
 The key binding to access the customization group that defines the layout of the skeleton is <f12> <f12> <f2>

PEL also supports a set of templates that are more generic and are distinguished only by the comment style used by the language. These commands are available through the <f6> key prefix and are described in the ∑ Inserting Text table.

Example code template

Example of generated code are stored in example files stored in the repo under the example/template directory. The example files were generated with me as the author and for all combinations of the user-options. They also contain text that would normally not be generated. This text describes the values of each user-option that has an impact on the generated text. The file names end with a set of dash separated number with correspond to the value of the user-options.

| Generic Templates | Generic Templates, available for all major modes | | |
|--|--|--|--|
| Key Sequences for Generic Templates See Also: ∑ Inserting Text | To insert file header block: <f6> h</f6> To access the pel-pkg-generic-code-style-group: <f6> <f2></f2></f6> | | |
| Template Source | By default, PEL controls the content of the generic templates. If you prefer a different content fo these generic templates, then you can create your own tempo skeleton files and identify them in the following user-option: • pel-generic-skel-module-header-block-style | | |
| 0 - Separator Lines | pel-generic-skel-use-separators | | |
| 1 - Timestamp | pel-generic-skel-insert-file-timestamp | | |
| 2 - License & Copyright | pel-generic-skel-with-license | | |
| 3 - Package Name | | | |
| 4 - file variable | | | |
| 5 - doc section titles | pel-generic-skel-module-section-titles | | |

| Programming Language | <u> ₽ι - C</u> ‱ | <u> ұр і - С++</u> | |
|---|--|--|--|
| Key Sequence to use in a language file to access the customization group See Also: Customize | <f12> <f12> <f2> Pel C Skeleton Control Pel C Module Header Skeleton Control Pel C Function Header Skeleton Control </f2></f12></f12> | <f12> <f12> <f2> Pel C++ Skeleton Control Pel C++ Module Header Skeleton Control Pel C++ Function Header Skeleton Control </f2></f12></f12> | |
| 0 - Separator Lines | pel-c-skel-use-separators | pel-c++-skel-use-separators | |
| 0.1 - Secondary separators | | | |
| 1 - Timestamp | pel-c-skel-insert-file-timestamp | pel-c++-skel-insert-file-timestamp | |
| 2 - License & Copyright | pel-c-skel-with-license | pel-c++-skel-with-license | |
| 3 - Package Name | | | |
| 4 - file variable | | | |
| 5 - doc section titles - code | pel-c-skel-module-section-titles | pel-c++-skel-cppfile-section-titles | |
| 5.1 - doc section titles - header | | pel-c++-skel-hppfile-section-titles | |
| 6 - doc markup | pel-c-skel-doc-markup | pel-c++-skel-doc-markup | |
| 7 - comment style | pel-c-skel-comment-with-2stars | | |
| 8 - UUID include guard | pel-c-skel-use-uuid-include-guards | pel-c++-skel-use-uuid-include- guards | |

| Programming Language | ⊈ֆն - Emacs Lisp | <u> Ֆ≀ - Common Lisp</u> | |
|--|--|--|--|
| Key Sequence to use in a language file to access the customization group | <f12> <f12> <f2> Pel Elisp Code Style</f2></f12></f12> | <f12> <f12> <f2> • Pel Clisp Code Style</f2></f12></f12> | |
| See Also: <u>∑ Customize</u> | | | |
| 0 - Separator Lines | pel-elisp-skel-use-separator | pel-clisp-skel-use-separators | |
| 0.1 - Secondary separators | | | |
| 1 - Timestamp | pel-elisp-skel-insert-file-timestamp | pel-clisp-skel-insert-file-timestamp | |
| 2 - License & Copyright | pel-elisp-skel-with-license | pel-clisp-skel-with-license | |
| 3 - Package Name | pel-elisp-skel-package-name | pel-clisp-skel-package-name | |
| 4 - file variable | | pel-clisp-emacs-filevar-line | |
| 5 - doc section titles | | | |
| 6 - doc markup | | | |
| 7 - comment style | | | |

| Programming Language | भ्रा - Erlang | | |
|---|---|--|--|
| Key Sequence to use in a language file to access the customization group See Also: Secuntains-Customize | <f12> <f12> <f2> Pel Erlang Code StylePel Erlang Skeleton Control</f2></f12></f12> | | |
| 0 - Separator Lines | pel-erlang-skel-use-separators | | |
| 0.1 - Secondary separators | pel-erlang-skel-use-secondary- separators | | |
| 1 - Timestamp | pel-erlang-skel-insert-file-timestamp | | |
| 2 - License & Copyright | pel-erlang-skel-with-license | | |
| 3 - Package Name | | | |
| 4 - file variable | | | |
| 5 - doc section titles | | | |
| 6 - doc markup | pel-erlang-skel-with-edoc | | |
| 7 - comment style | | | |

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| Markup Language | M reStructuredText | | |
| Key Sequence to use in a language file to access the customization group See Also: <u>▼ Customize</u> | <f12> <f2> • Pel reST style</f2></f12> | | |
| 0 - Separator Lines | | | |
| 0.1 - Secondary separators | | | |
| 1 - Timestamp | pel-rst-skel-insert-file-timestamp | | |
| 2 - License & Copyright | pel-rst-skel-with-license | | |
| 3 - Package Name | | | |
| 4 - file variable | | | |
| 5 - doc section titles | | | |
| 6 - doc markup | | | |
| 7 - comment style | | | |

Templates - References

| Topic & Link | Notes |
|---|--|
| Emacs Manual - Updating Time Stamps Automatically | Describe how to make emacs automatically update a time stamp when a file is saved. |
| Yasnippet GitHub repo/home page | |
| Yasnippet documentation page | |
| Yasnippet Menu | |
| Yasnippet Reference | |
| Textmate Snippets | |
| Emacs Wiki - Category Templates | |
| Emacs Wiki - Yasnippet | Also list packages that create snippets. |
| Unix & Linux - Code Template with Emacs | |
| Stack Overflow - What is the best code template facility for Emacs? | |
| Yasnippets - video - good presentation | |
| Yasnippets - screencast | |
| Yasnippets - video | |
| Emacs Rocks! Episode 06: Yeah! Snippets! | |
| EMACSulation | |