readme

MASK LIBRARY
============
Masking, in this context, is an application behavior when the user is
displaying, entering or editing text. It permits the programmer to specify
a mask, such as "(999) 999-9999", and attach the "mask" object with all the
text fields that need it, and without any further actions on the part of the
programmer, the text field behaves as you would expect in a phone number
entry field: namely, keystrokes are limited to numbers only, and the
numbers fall into the positions indicated by the '9' characters. The edited
text is then available in either the masked or unmasked form.

WHERE TO BEGIN
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Documentation for this library can be found in the DOC_* classes (start with
DOC_LIBRARY_MASK) and are best interactively viewed through EiffelStudio
from the "test" target in MASK.ECF.

NOTE: Except for Pick-and-Drop, all documentation files are
"Notepad-friendly". EiffelStudio is not required. However, for a better
experience, it is recommended.

ALSO: (if you prefer) Navigate to:

https://github.com/ljr1981/masking_library/blob/master/mask/documentation/do
c_library_mask.e

For Cluster Documentation, navigate to:

https://github.com/ljr1981/masking_library/blob/master/mask/documentation/do
c_cluster_common.e
https://github.com/ljr1981/masking_library/blob/master/mask/documentation/do
c_cluster_misc.e
https://github.com/ljr1981/masking_library/blob/master/mask/documentation/do
c_cluster_numeric.e
https://github.com/ljr1981/masking_library/blob/master/mask/documentation/do
c_cluster_string.e

SUGGESTED LEARNING PATH
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Starting with DOC_LIBRARY_MASK.E, you can learn about the library at a high
level, then drill down to the clusters, and classes as you need more detail.
 Some features are provided in the DOC_... classes to make it easier to

navigate to the classes being discussed. You will also find code examples
in either the masking demo or in the *_TEST classes of the test target.

FROM EiffelStudio
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If you open MASK.ECF from EiffelStudio, notice that there are 3 targets:

"mask"   --> What you will reference in your own project for reuse.
"mask_demo"   --> To see a demonstration of the library at-work.
"test"   --> To learn more about the library and see how it is tested
(as well as other examples).

NOTE
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Running the "test" target does NOT run the tests (EiffelStudio AutoTest
feature does that). The root class for the "test" target is for the purpose
of testing. Targets that are purely for testing, have a root class and
feature and will compile to an EXE. However, this EXE is not intended for
execution (e.g. "Run"). Instead, it is there for AutoTest to work with for
testing.

Additionally, we have used the root class and procedure as a convenience for
bringing DOC_* classes into the system, which facilitates your access to and
interaction with these classes for the purpose of documentation and learning
(e.g. allowing you to navigate them with pick-and-drop and other Eiffel
class and feature tools, like Clickable-view on the note clauses).

Please allow the curly braces around class names in the documentation (like
this: {CLASS_NAME}) be a reminder that switching to Clickable view causes
those names to become click-and-droppable links and are very convenient to
use that way.