
opengl-registry Documentation

Release 0.3.1

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Mar 06, 2021

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CHAPTER 1

Install

Installing from PyPI:

```
pip install opengl-registry
```


2.1 Create

classmethod `RegistryReader.from_file(path: str) → opengl_registry.reader.RegistryReader`
 Create a RegistryReader with a local gl.xml file

classmethod `RegistryReader.from_url(url: str = None) → opengl_registry.reader.RegistryReader`
 Create a RegistryReader with a url to the gl.xml file

`RegistryReader.__init__ = <function RegistryReader.__init__>`

2.2 Methods

`RegistryReader.read() → opengl_registry.registry.Registry`
 Reads the registry structure.

Returns The Registry instance

Return type Registry

`RegistryReader.read_types() → List[opengl_registry.gltype.GlType]`
 Read all GL type definitions

Returns list of types

Return type List[GlType]

`RegistryReader.read_enums() → Dict[str, opengl_registry.enums.Enum]`
 Reads all enums groups.

Returns list of enums groups

Return type List[Enums]

`RegistryReader.read_commands()` → Dict[str, opengl_registry.commands.Command]
Reads all commands.

Returns list of commands

Return type List[Command]

`RegistryReader.read_features()` → List[opengl_registry.features.Feature]
Reads all features.

Returns list of features

Return type List[Feature]

`RegistryReader.read_extensions()` → Dict[str, opengl_registry.extensions.Extension]
Reads all extensions.

Returns list of extensions

Return type List[Extension]

2.3 Attributes

`RegistryReader.DEFAULT_URL = 'https://raw.githubusercontent.com/KhronosGroup/OpenGL-Registry'`
The default URL for the `gl.xml` file

`RegistryReader.registry_cls = <class 'opengl_registry.registry.Registry'>`
The registry class. Can be replaced with a custom class

`RegistryReader.enum_cls = <class 'opengl_registry.enums.Enum'>`
The Enum class. Can be replaced with a custom class

`RegistryReader.type_cls = <class 'opengl_registry.gltype.GLType'>`
The GLType class. Can be replaced with a custom class

CHAPTER 3

Indices and tables

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