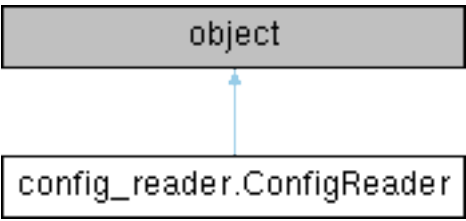


config_reader.ConfigReader Class Reference

Public Member Functions | List of all members

Responsible for reading and parsing configuration data related to image projection. [More...](#)

Inheritance diagram for config_reader.ConfigReader:



Public Member Functions

__init__ (self)
Responsible for reading and parsing configuration data related to image projection.
getProjectedImageWidth (self)
Retrieves the width of the projected image from the configuration.
getDistanceBetweenProjectors (self)
Retrieves the distance between two projectors from the configuration.
getImageWidth (self)
Retrieves the width of the image from the configuration.
getImageHeight (self)
Retrieves the height of the image from the configuration.
getImageName (self)
Retrieves the name of the image file from the configuration.
getSide (self)
Retrieves the side information of the projection from the configuration.
getGamma (self)
Retrieves the gamma value for the image projection from the configuration.

Detailed Description

Responsible for reading and parsing configuration data related to image projection.

Constructor & Destructor Documentation

◆ __init__()

config_reader.ConfigReader.__init__(self)

Responsible for reading and parsing configuration data related to image projection.

This class offers methods to access various configuration parameters such as image dimensions, projector distances, and gamma values.

Initializes the ConfigReader object.

This constructor might be extended to initialize reading from a specific configuration file or source.

Member Function Documentation

◆ getDistanceBetweenProjectors()

config_reader.ConfigReader.getDistanceBetweenProjectors (self)

Retrieves the distance between two projectors from the configuration.

Returns

float: The distance between the projectors.

◆ getGamma()

config_reader.ConfigReader.getGamma (self)

Retrieves the gamma value for the image projection from the configuration.

Returns

float: The gamma value.

◆ getImageHeight()

config_reader.ConfigReader.getImageHeight (self)

Retrieves the height of the image from the configuration.

Returns

int: The height of the image.

◆ getImageName()

config_reader.ConfigReader.getImageName (self)

Retrieves the name of the image file from the configuration.

Returns

str: The name of the image file.

◆ getImageWidth()

config_reader.ConfigReader.getImageWidth (self)

Retrieves the width of the image from the configuration.

Returns

int: The width of the image.

◆ getProjectedImageWidth()

config_reader.ConfigReader.getProjectedImageWidth (self)

Retrieves the width of the projected image from the configuration.

Returns

float: The width of the projected image.

◆ getSide()

config_reader.ConfigReader.getSide (self)

Retrieves the side information of the projection from the configuration.

Returns

str: The side information of the projection.

The documentation for this class was generated from the following file:

- config_reader.py