Document Project: Giggle Image Lib Title: Lib Class Diagram Doc version: 0.1(Feb 15, 2020) Author(s): Arash (@911992) {principal author} Meta Legends

Version History
Initial release

Author: Arashi

giggle::tribe::util «builder» «immutable» «static» Image_Process_Setup Builder +MIN SCALE FIT WIDTH HEIGHT : int +MAX SCALE FIT WIDTH HEIGHT : int -_private_state : Image_Process_Setup +MIN_SCALE_RATIO : float _-Giggle_Project_Meta() : Giggle_Project Meta «builds» < +MAX SCALE RATIO : float -Builder() : Builder -serialVersionUID : long +no scale with watermark() : Builder -resize policy : Image Resize Mode +ratio_scale(float) : Builder -scale fit width : int +fit scale(int, int) : Builder -scale_fit_height : int +scale_ratio(float) : Builde -scale ratio : float +scale_fit(int, int) : Builde -with_watermark : boolean +watermark(boolean) : Builde -ignore_image_enlarging : boolean +ignore_image_enlargement(boolean) : Builde -has_applicable_state : Boolean +build() : Image_Process_Setup -instance_conflict_message : String -Image listener Null():Image listener Null +is_applicable() : boolean +get_instance_state_conflict_message() : Str Giggle_Project Meta +is_applicable_sync() : boolean +getSerialversionuid() : long +PROJECT NAME : String +getResize_policy() : Image_Resize_mode +PROJECT CODEBASE NAME : String +getScale_fit_width() : int +PROJECT VERSION : String +getScale_fit_height() : int +PROJECT BUILD : String +getScale_ratio() : float <u>-Giggle Project Meta() : Giggle Project Meta</u> +isWith watermark() : boolan +isIgnore_image_enlarging() : boolean -setResize_policy(Image_Resize_Mode) : void -setScale fit width(int) : void -setScale_fit_height(int) : void -setScale_ratio(float) : void ex -setWith_watermark(boolean) : void -setIgnore_image_enlarging(boolean) : void «Exception» Bad_Image_Processing_State_Exception -serialVersionUID : long -message : String «enum» +Bad_Image_Processing_State_Exception(String) Image_Resize_Mode ImageResizeMode_NONE ImageResizeMode_SCALE RATIO ImageResizeMode_SCALE_FIT I«throws» «stateless/core» Image_Util +DEFAULT IMAGE SCALE WIDTH : int +DEFAULT IMAGE SCALE HEIGHT : int +DEFAULT_IMAGE_WATERMARK : boolean +WATERMARK TEXT MESSAGE : String +WATERMARK_TEXT_FONT_FAMILY : String <u>+WATERMARK_TEXT_FONT_STYLE : int</u> +WATERMARK_TEXT_FONT_SIZE : int +WATERMARK_SHADOW_COLOR : Color +WATERMARK_FORE_COLOR : Color +TARGET_IMAGE_BACKGROUND_COLOR : Color +WATERMARK SHADOW OFFSET : int +TARGET_IMAGE_TYPE : String -Image_Util() : Image_Util +get_default_image_setup() : Image_Process_Setup image_process(InputStream, Image_Process_Setup, OutputStream, Image_Resize_Listener) : void «null object» Image_listener_Null +GLOBAL_INSTANCE : Image_listener_Null -Image_listener_Null() : Image_listener_Null «interface» Image_Resize_Listener +trigger(Image_Resize_State) : void Image_Util_Usage +WORKING PATH : String +resize1080 watermark() «anon» +watermark_only_no_resize() +no_enlarging_resize_no_watermark() +resize_ratio() +resize_ratio_with_listener() «enum» +main(String[]):void Image_Resize_State Image_Resize_State_ERROR Image_Resize_State_IMAGE_IO_READ_BEGIN Image_Resize_State_IMAGE_FETCH_DIMENSION_BEGIN Image_Resize_State_CALCULATING_FINAL_IMAGE_DIMENSION_BEGIN IO_Aux Image_Resize_State_SOURCE_IMAGE_AS_TARGET +BIO_BUFFER_SIZE : int Image_Resize_State_TARGET_IMAGE_CREATION_BEGIN Image_Resize_State_IMAGE_RESIZING_BEGIN -IO_Aux() : IO_Aux Image_Resize_State_TARGET_IMAGE_IO_WRITE_BEGIN +stream_cpy_bio(InputStream, OutputStream) : void Image_Resize_State_PROCESS_FINISHED file file file file file 04050 manhattanview 03374 mthoodpainted 03824 autumnskyinnew 04053 portlandsunris 04112 grosunset 3840 e 3840x2160.jpg 2880x1620.jpg york_5120x2880.jpg |x2160.jpg 3840x2160.jpg