





ImageStore	
-images: Map<String, List<PImage>> -defaultImages: List<PImage> +getImageList(): List<PImage> +loadImages()	
TODO	
Functions	
+rand: Random	<<static>>
+COLOR_MASK: int	<<static>>
+KEYED_IMAGE_MIN: int	<<static>>
+KEYED_RED_IDX: int	<<static>>
+KEYED_GREEN_IDX: int	<<static>>
+KEYED_BLUE_IDX: int	<<static>>
+PROPERTY_KEY: int	<<static>>
+PATH_KEYS: List<String	<<static>>
+SAPLING_KEY: String	<<static>>
+SAPLING_HEALTH_LIMIT: int	
+SAPLING_ACTION_ANIMATION_PERIOD: int	
+SAPLING_NUM_PROPERTIES: int	
+SAPLING_ID: String	<<static>>
+SAPLING_COL: int	<<static>>
+SAPLING_ROW: int	<<static>>
+SAPLING_HEALTH: int	<<static>>
+BGND_KEY: String	<<static>>
+BGND_NUM_PROPERTIES: int	<<static>>
+BGND_ID: int	<<static>>
+BGND_COL: int	<<static>>
+BGND_ROW: int	<<static>>
+OBSTACLE_KEY: String	<<static>>
+OBSTACLE_NUM_PROPERTIES: int	<<static>>
+OBSTACLE_ID: int	<<static>>
+OBSTACLE_COL: int	<<static>>
+OBSTACLE_ROW: int	<<static>>
+OBSTACLE_ANIMATION_PERIOD: int	<<static>>
+DUDE_KEY: String	<<static>>
+DUDE_NUM_PROPERTIES: int	<<static>>
+DUDE_ID: String	<<static>>
+DUDE_COL: int	<<static>>
+DUDE_ROW: int	<<static>>
+DUDE_LIMIT: int	<<static>>
+DUDE_ACTION_PERIOD: int	<<static>>
+DUDE_ANIMATION_PERIOD: int	<<static>>
+HOUSE_KEY: String	<<static>>
+HOUSE_NUM_PROPERTIES: int	<<static>>
+HOUSE_ID: String	<<static>>
+HOUSE_COL: int	<<static>>
+HOUSE_ROW: int	<<static>>
+FAIRY_KEY: String	<<static>>
+FAIRY_NUM_PROPERTIES: int	<<static>>
+FAIRY_ID: String	<<static>>
+FAIRY_COL: int	<<static>>
+FAIRY_ROW: int	<<static>>
+FAIRY_ANIMATION_PERIOD: int	<<static>>
+FAIRY_ACTION_PERIOD: int	<<static>>

TODO

```
+TREE_KEY: String          <<static>>
+TREE_NUM_PROPERTIES: int   <<static>>
+TREE_ID: String           <<static>>
+TREE_COL: int              <<static>>
+TREE_ROW: int              <<static>>
+TREE_ANIMATION_PERIOD: int <<static>>
+TREE_ACTION_PERIOD: int    <<static>>
+SAPLING_HEALTH: int        <<static>>
```

```
+createHouse(): Entity      <<static>>
+createObstacle(): Entity   <<static>>
+createTree(): Entity       <<static>>
+createStump(): Entity      <<static>>
+createSapling(): Entity    <<static>>
+createFairy(): Entity      <<static>>
+createDudeNotFull(): Entity <<static>>
+createDudeFull(): Entity   <<static>>
+createAnimationAction(): Action <<static>>
+createActivityAction(): Action <<static>>

+parseBackground(): boolean <<static>>
+parseSapling(): boolean    <<static>>
+parseDude(): boolean       <<static>>
+parseFairy(): boolean      <<static>>
+parseTree(): boolean       <<static>>
+parseObstacle(): boolean   <<static>>
+parseHouse(): boolean      <<static>>

+clamp()                    <<static>>
+load()                      <<static>>
+processImageLine(): boolean <<static>>
+getImages(): List<PImage>   <<static>>
+setAlpha()                  <<static>>
+getNumFromRange: int        <<static>>
+nearestEntity(): Optional<Entity> <<static>>
+adjacent(): boolean         <<static>>
```

