```
Image<T>
#
  T x size
#
  T y size
#
  unsigned char min_level
#
  unsigned char max_level
#
  std::shared_ptr<Pixel<T>> parent_cell
  Image()
+
  Image(T, T, unsigned char, unsigned char)
  ~Image()
+
  unsigned int getMinLevel() const
+
  unsigned int getMaxLevel() const
  size t numberOfPixels() const
+
  void clear()
+
  void simplifyImage(double)
+
  void buildUniform(unsigned char)
+
  void createFromFile(std::string)
  void saveImage(const std::string & filename) const
+
```