```
MainWindow
+ MainWindow()
+ ~MainWindow()
+ getCollageParameters()
+ getPhotos()
+ addPhotosFromComputer()
+ addPhotosFromWeb()
+ createCollage()
+ saveCollage()
+ printCollage()
+ openTextCollageShape()
+ openCustomShapeEditor()
+ openCollageBackgroundPhoto()
+ chooseCollageBorderColor()
+ chooseCollageBackgroundColor()
+ updateCollageShape()
+ updateCollageBackground()
+ updateAutoCollageSize()
+ updateAutoPhotoSize()
+ updateAutoNbPhotos()
+ updateAutoInterPhotoDistance()
+ updateStyle()
updateLanguage()
resetCollageParameters()
# changeEvent()
languageName()
                 _mainWindow
          CollageCreator
  - _mainWindow
  - _graphicsScene
    _collageWatcher
    _photos
    _text
    _shape
  _extraPixmap

    _collageSize

    _photoSize
    nbPhotos
    _distBetweenPhotos
    _collageSizeAuto
  - _photoSizeAuto
   _distBetweenPhotosAuto
    _nbPhotosAuto
    _animateCollageLayout
    _bgColor
    bgPixmap
  - _borderColor
  _borderSize
    _background
    horizontalOffset
    verticalOffset
     irregularBorder
    _identicalPhotoSize
  + CollageCreator()
  + CollageCreator()
  + ~CollageCreator()
  + setMainWindow()
  + resetParameters()
  + previewCollage()
  + createCollage()
  + saveCollage()
  + printCollage()
  + updateCollageLayoutAnim()
  + setShape()
  + setBackground()
  getCollage()
  setup()
```