Architecture

edu.chl.asciicam.activity

Each class in this package represents an activity used in the application.

CameraScreen

This activity is used when taking a picture. The background will be set to what the camera is seeing.

ConvertedPicScreen

The activity is used for handling converted pictures and showing them once convert is used in PreviewScreen.

MenuScreen

This activity will be shown when the application is started. It contains a meu with three buttons; take picture, load picture and options.

OptionsScreen

This activity contains the options used for converting a picture.

PreviewScreen

This activity shows the picture you've taken or loaded from the memory card and presents you with various options to proceed. Save, convert or delete and take a new picture.

Edu.chl.asciicam.camera

CameraPreview

A basic camera preview class.

Edu.chl.asciicam.file

FileController

Handles saving and reading options from file along with saving pictures.

Edu.chl.asciicam.filter

Contains the filters and interfaces used to convert pictures.

AsciiFilter

This class is used when converting a picture to Ascii characters.

BrightnessFilter

This class is used when the brightness of a picture is changed.

FilterInterface

A simple interface for filter classes.

GrayScaleFilter

This class is used when converting a picture to gray scale.

Edu.chl.asciicam.util

Convert

Static methods used when converting file types.

SettingsController

A class used for storing the settings of conversions.