

Faces

Specification of the file format

The face-file format contains one or more *image blocks* separated with one or more empty lines. A line is empty if it contains only white spaces and/or line breaks.

Image block

An image block consists of a heading line followed by 20 pixel lines. The heading line starts with the text **Image** directly followed by the image id-number. Image id-numbers may appear in any order.

A pixel line consists of 20 numbers separated by one or more spaces. Each number has a value between 0 and 31, indicating 32 grey levels where 0 is white and 31 is black. The twenty lines represent a 20*20 pixel image, in the order they appear in the file.

Facit files

The correct classifications of the images are stored in so-called Facit files. Each line in the facit file indicate the class of one image. The line should start with the text **Image** directly followed by the image id-number, one or more space-characters and finally a digit between 1 and 4. The digit indicates the four case classes, as follows: **1: Happy, 2: Sad, 3: Mischievous, 4: Mad.**

This is a valid line in the facit file: Image32 3.

This is **not** a valid line in the facit file: Image 32 3
The space before the image id is not permitted.

Comments

Both the image-file and the facit-file may contain comments starting with a #-character. These lines may appear everywhere in the file any should be completely ignored when reading of the file.

Example Images

These faces are rendered images from face-file [training.txt](#) and answer file [training-facit.txt](#).

View images [1 to 100](#) | [101 to 200](#) | [201 to 300](#)

Image1

Image2

Image3

Image4

Image5

Image6

Image7

Image8

Image9

Image10

Image11

Image12

Image13

Image14

Image15

Image16

Image17

Image18

Image19

Image20