



File Format Specification

IDWC

2006-06-26

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1 Change history

Revision	Date	Author	Description
1.0	26.6.2007	Vesa Oikonen, Calle Laakkonen	New document format, based on version 2007-02-10

2 Background

IDWC format is used for example in Imanet Hammersmith to save the regional tissue time-activity curves (TACs).

Note that the file format for input (plasma) data files ([*.if](#)) in Imanet Hammersmith is different.

3 Format

The IDWC file is in ASCII text format. Its first line contains the number of samples (time frames) in each regional TAC. The following lines contain the data of first region, then the second region and so on. The regional TAC data consists of four columns (separated by spaces):

1. time frame mid time (in sec)
2. average radioactivity concentration during the frame
3. weight for the sample
4. number of region (starting from 1).

For example, the contents of an IDWC file could be:

```
4
 30.0  0.2410000000000000  1.8630000000000000  1
 90.0  2.8880000000000000  0.1843000000000000  1
240.0  7.6050000000000000  0.0759900000000000  1
480.0 10.2200000000000000  0.0549100000000000  1
 30.0  0.2576000000000000  1.8630000000000000  2
 90.0  2.5580000000000000  0.1843000000000000  2
240.0  6.3060000000000000  0.0759900000000000  2
480.0  9.1820000000000000  0.0549100000000000  2
 30.0  0.2181000000000000  1.8630000000000000  3
 90.0  2.7760000000000000  0.1843000000000000  3
240.0  6.5200000000000000  0.0759900000000000  3
480.0  9.1710000000000000  0.0549100000000000  3
 30.0  0.2203000000000000  1.8630000000000000  4
 90.0  3.5180000000000000  0.1843000000000000  4
240.0  8.4640000000000000  0.0759900000000000  4
480.0 11.1200000000000000  0.0549100000000000  4
```