

Pajek Matrix (.mat)

Description

The Pajek matrix format (filename extension is .mat) is slightly different. The list of vertices is the same as in [Pajek \(*.net\)](#) format but the list of edges and arcs is replaced by a matrix consisting of integers or real numbers which are separated by blanks. This is an ordinary adjacency matrix.

Links

Home Page: <http://vlado.fmf.uni-lj.si/pub/networks/pajek/>

Pros & Cons

The Pajek matrix format is very useful for importing network data in matrix format from a variety of sources.

Usage Hints

A network in Pajek matrix Format

```
*network with a title of matrix
% comment lines within a file describing the data.
*vertices 6
  1 "Ada"      0.1646  0.2144  0.5000
  2 "Cora"    0.0481  0.3869  0.5000
  3 "Louise"  0.3472  0.1913  0.5000
  4 "Jean"    0.1063  0.5935  0.5000
  5 "Helen"   0.2892  0.6688  0.5000
  6 "Martha"  0.4630  0.5179  0.5000
*matrix
0.000 1.000 1.000 0.000 0.000 0.0000
1.000 0.000 0.000 1.000 0.000 0.0000
0.000 0.000 0.000 0.000 0.000 0.0000
0.000 0.000 0.000 0.000 1.000 0.0000
0.000 0.000 0.000 1.000 0.000 0.0000
0.000 0.000 0.000 0.000 0.000 0.0000
```

Acknowledgements

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