

NAME

sim_to_int - Tool for Parallel VXOrd File Conversion.

VERSION

Version 0.5 9/22/2006

SYNOPSIS

sim_to_int input_sim_file output_int_file output_ind_file [-h] [-l] [-n *notice_level*] [-o]

DESCRIPTION

Converts a .sim formatted file into a .int formatted file for input to pvxord. The .ind formatted file indexes the original node names. By default, all weights are normalized to lie between 0.1 and 1.

PARAMETERS

-h Print out the man page for help

-l Scale the edge weights on a log scale.

-n *notice_level*

Set the degree of program output. Use:

-n 0 No output

-n 10 Normal program output

-n 20 Parameters useful for reproducing the results

-n 30 All output

-o Perform original VXORD edge scaling. Edges weights are assumed to have a scale 0-maximum weight in the file and are scaling between 0 and 1. This option may be used in combination with **-l**.

FILE FORMATS

The format for the .sim input file is:

node_name1 node_name2 edge_weight

node_name1 node_name2 edge_weight

...

The format for the .int output file is:

number_of_nodes

nodeid_1 node_id2 edge_weight

nodeid_1 node_id2 edge_weight

...

where the node id's must be numbers with 1 as a starting index and the edge weights must be positive and scaled between 0 and 1.

The format for the .ind output file is:

node_number node_name
node_number node_name
...

AUTHORS

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