NAME

mcxalter − various network transformations

SYNOPSIS

mcxalter **[-imx** <fname> (*specify matrix/graph input*)**]** **[-abc** <fname> (*specify label input*)**]** **[-tab** <fname> (*use tab file*)**]** **[-icl** <fname> (*specify cluster input*)**]** **[--block** (*use within-cluster edges*)**]** **[--blockc** (*use between-cluster edges*)**]** **[-o** <fname> (*output*)**]** **[-tf** spec (*apply tf-spec to input matrix*)**]**

DESCRIPTION

This utility supplies various transformations of networks.

OPTIONS

-abc <fname> (*label input*)
The file name for input that is in label format.

-imx <fname> (*input matrix*)
The file name for input that is in mcl native matrix format.

-tab <fname> (*use tab file*)
This option causes the output to be printed with the labels found in the tab file. With **-abc** this option will, additionally, construct a graph only on the labels found in the tab file. If this option is used in conjunction with **-imx** the tab domain and the matrix domain are required to be identical.

-icl <fname> (*specify cluster input*)
Read in a cluster file for use with either **--block** or **--blockc**.

--block (*use within-cluster edges*)
Remove between-cluster edges from the network. This is done first, before other transformations take effect.

--blockc (*use between-cluster edges*)
Remove within-cluster edges from the network. This is done first, before other transformations take effect.

-tf <tf-spec> (*transform input matrix values*)
Transform the input matrix values according to the syntax described in **mcxio(5)**.

-o fname (*output file*)
Output file.

AUTHOR

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SEE ALSO

mcxio(5), **mcx(1)**, **mcxsubs(1)**, and **mclfamily(7)** for an overview of all the documentation and the utilities in the mcl family.