NAME

clm meet − compute the intersection of a set of clusterings.

clmmeet is not in actual fact a program. This manual page documents the behaviour and options of the clm program when invoked in mode *meet*. The options **-h**, **--apropos**, **--version**, **-set**, **--nop** are accessible in all **clm** modes. They are described in the **clm** manual page.

SYNOPSIS

clm meet [-o fname (*output file name*)**] [-h** (*print synopsis, exit*)**] [--apropos** (*print synopsis, exit*)**] [--version** (*print version, exit*)**]** <file name>+

DESCRIPTION

clm meet computes the intersection of a set of clusterings, that is, the largest clustering that is a subclustering of all the clusterings in the set. It stores the intersection (or meet) in the argument to the **-o** flag, which must be the first option given. All remaining arguments are interpreted as names of files containing clusterings in mcl format (see **mcxio(5)**), which must all pertain to a set of the same cardinality.

This utility can be useful in measuring (in conjunction with **clm dist**) the consistency of a set of clusterings at different levels of granularity − if the meet of all those clusterings is close to being a subclustering of each of them, consistency is good. See **clm dist** for an example.

OPTIONS

-o fname (*output file name*)

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SEE ALSO

mclfamily(7) for an overview of all the documentation and the utilities in the mcl family.