## NAME
       mapper – A static Network on Chip (NoC) process mapper.

## SYNOPSIS
       mapper *input output topology num clusters min distance*

## DESCRIPTION
       Mapper is a static Network on Chip (NoC) process mapper that is based on the **kmeans()** algorithm. It reads the *input* file and split out the result in the *output* file.

       The *input* file must have the following format:

              %origin %destin %cost

       Where %origin is the origin process, %destin in the destin process and %cost is the cost of the communication between the two process. Moreover, %origin, %destin and %cost must be integers separated by a space.

       Likewise, the *output* file follows the following format:

              %process %processor

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