Creating Periodic Boundary Conditions

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Steps of creating periodic zones in FLUENT are described here.

Steps

To create conformal periodic boundaries, you will use the make-periodic text command.

text interface commands:

grid>modify-zones>make-periodic

Periodic zone [()] *periodiczoneID*

Shadow zone [()] *shadowzoneID*

Rotational periodic? (if no, translational) [yes] n

Create periodic zones? [yes] yes

computed translation deltas: -2.000000 -2.000000
all 10 faces matched for zones 1 and 4.

zone *shadowzoneID* deleted
Created periodic zones.

Reference

More details could be found in FLUENT documentation:
FLUENT 6.3 User's Guide - 6.8.4 Creating Periodic Zones