

P634

*No Flux*

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The **No Flux** node is the default boundary condition on exterior boundaries. It represents boundaries where no mass flows in or out of the boundaries. Hence, the total flux is zero:

$$-\mathbf{n} \cdot (c\mathbf{u} - D\nabla c) = N_0$$

P635

*Flux*

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The **Flux** node can be used to specify the total species flux across a boundary. The total flux of species  $c$  is defined accordingly:

$$-\mathbf{n} \cdot (c\mathbf{u} - D\nabla c) = N_0$$