Dense Discrete Phase Model (DDPM)

Particle Behavior Analysis Using Eulerian in The case of One Particle

PROCEDURE MANUAL

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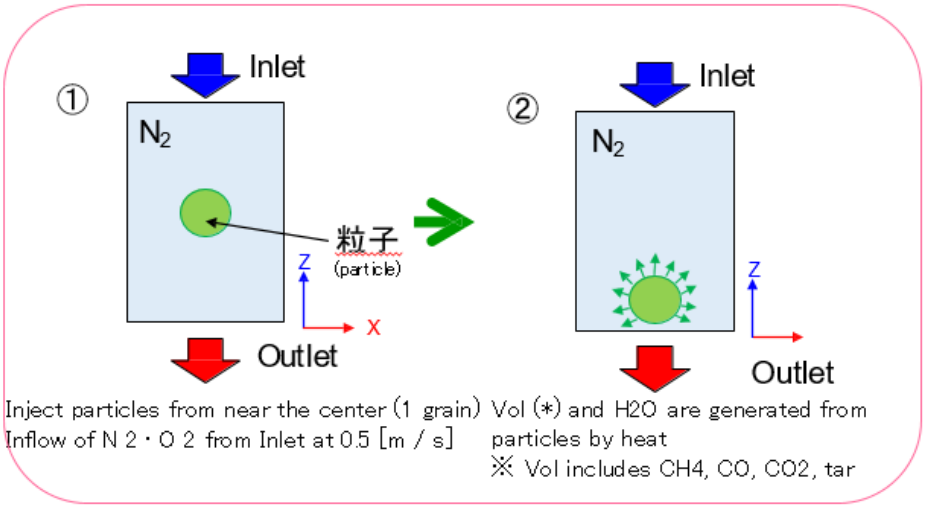
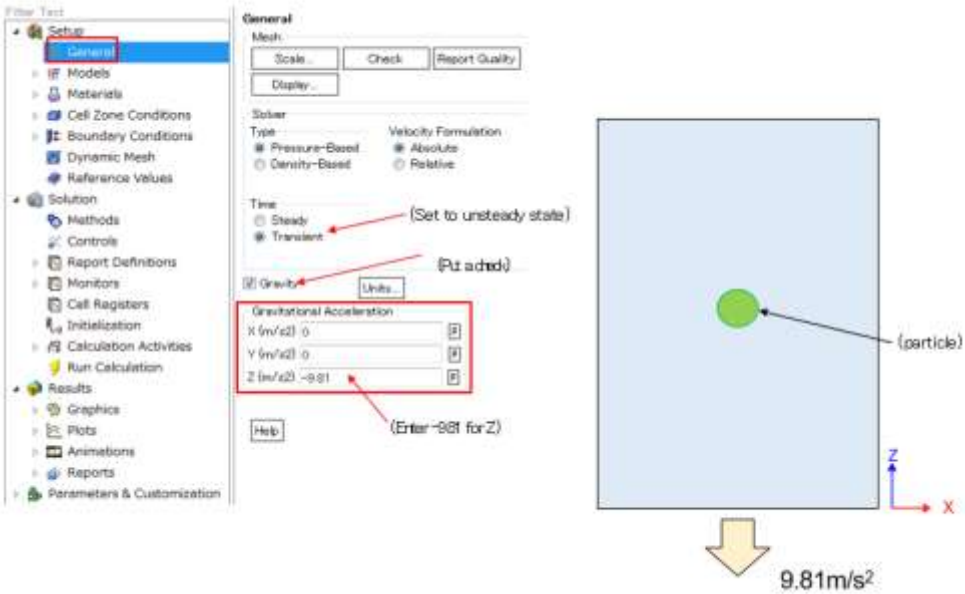
1.1 Analysis Model

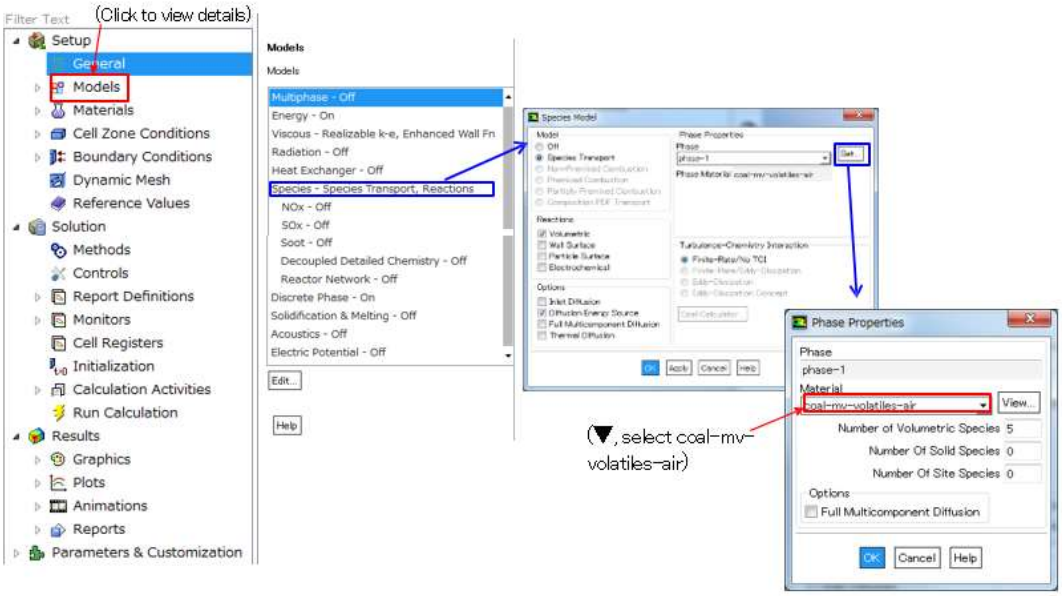
(SETTING DESCRIBED IN THE PROCEDURE MANUAL)



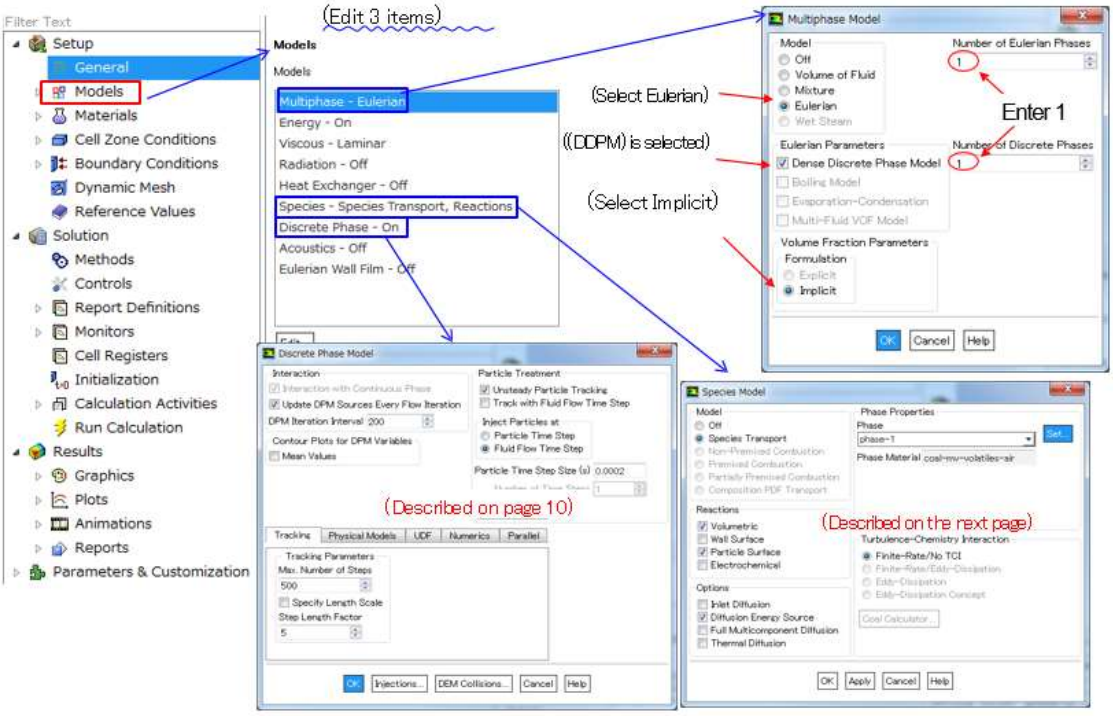
2.1 General Settings



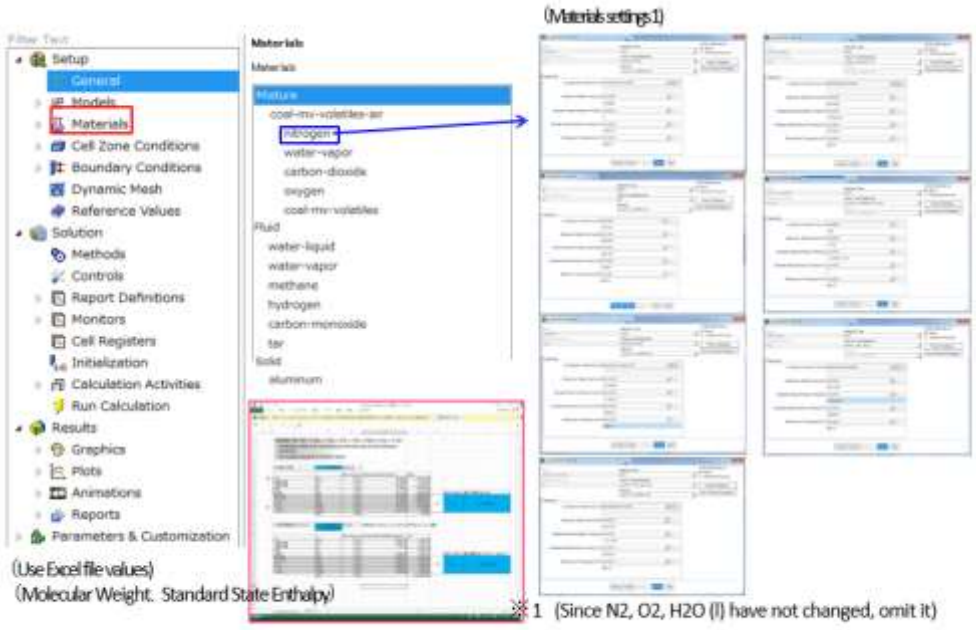
2.2 Species Settings 1



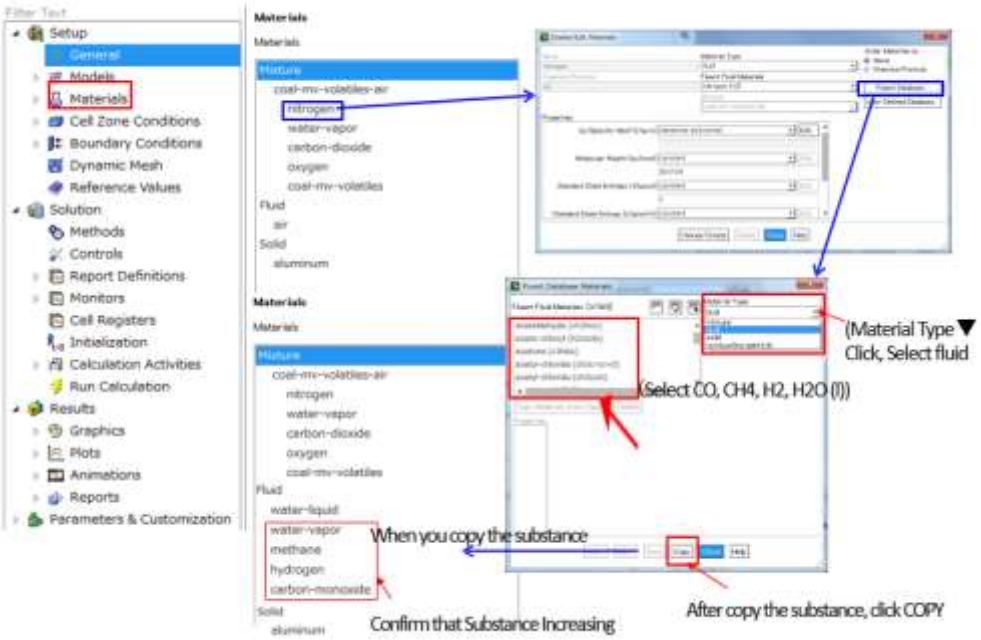
2.3 Models Settings



2.4 Materials Settings 1-a

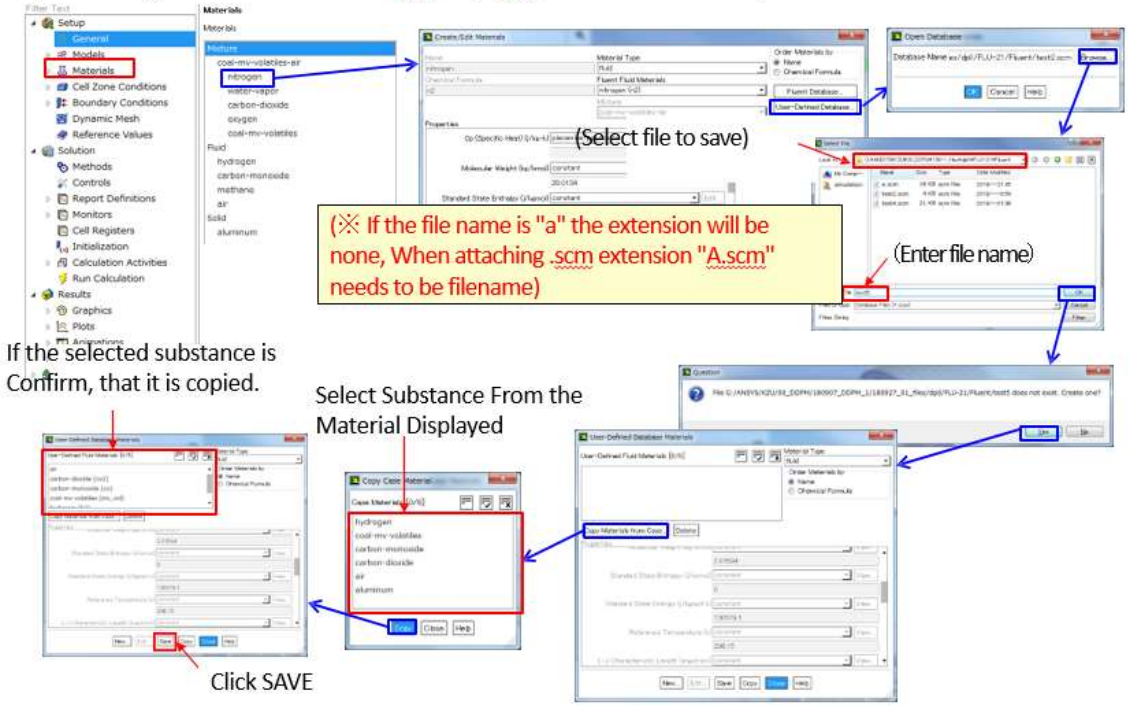


Materials Settings 1-b



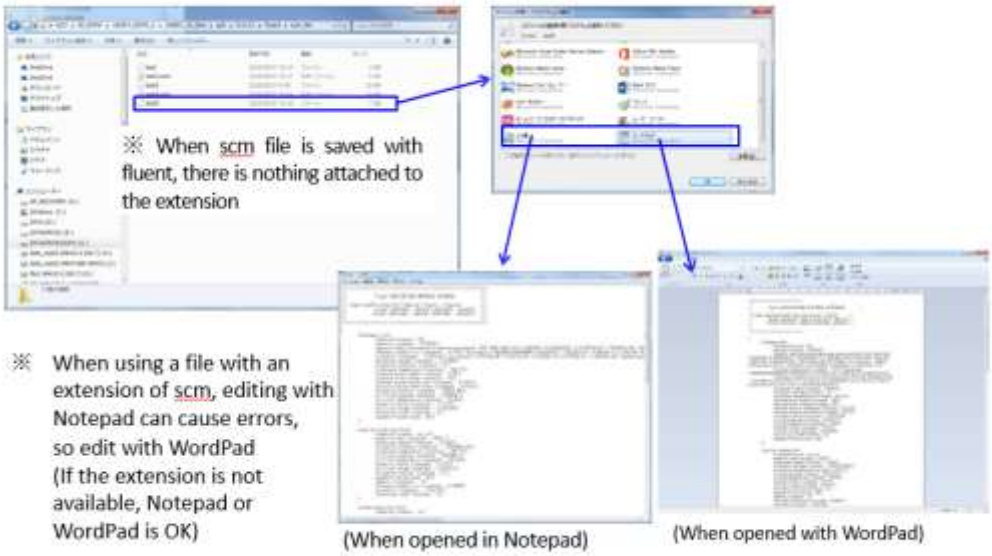
Materials Settings 1-c

(When using User-Defined Database (scm file) ~ scm file creation method ~)



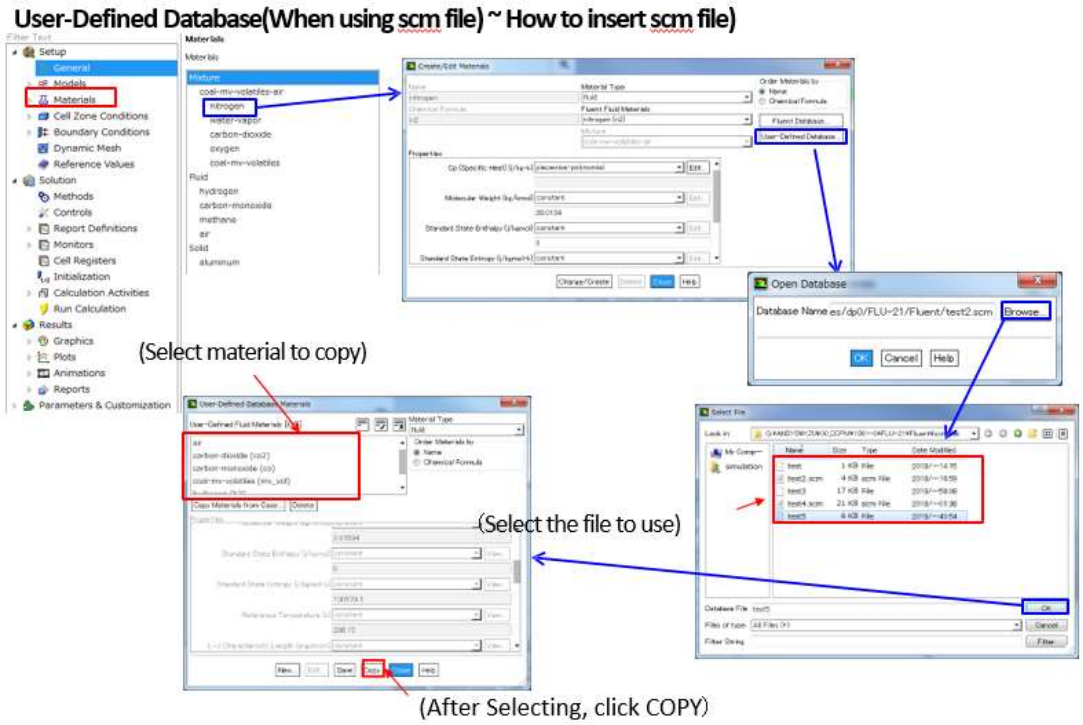
Materials Settings 1-d

(When using User-Defined Database (scm file) ~ scm file creation method ~)

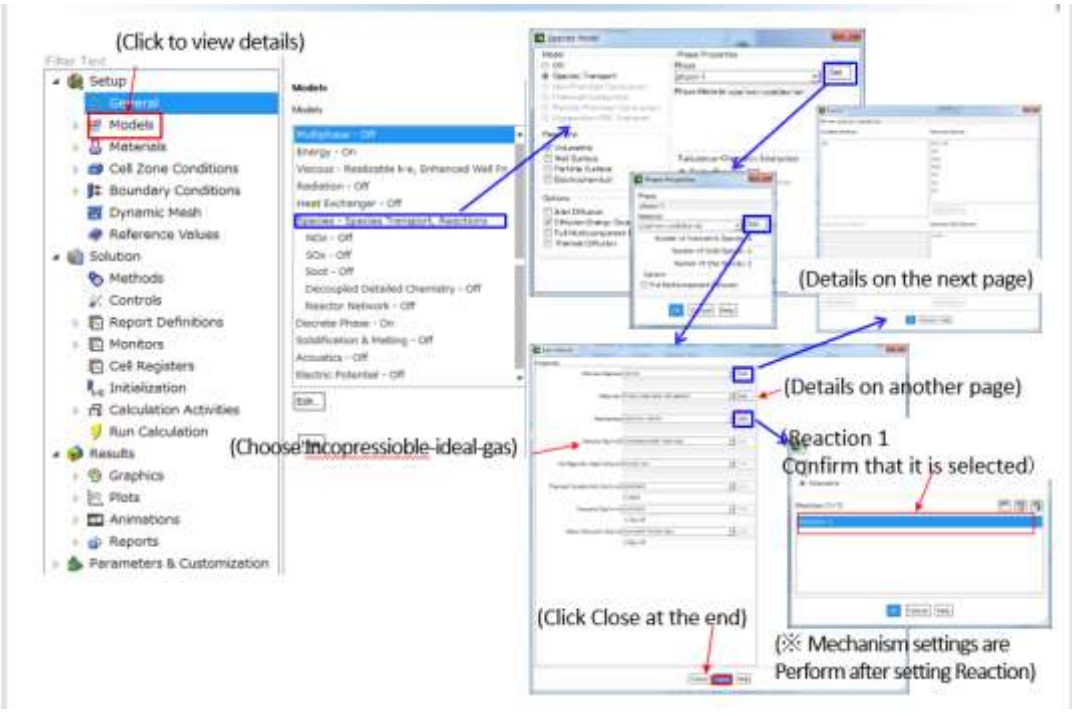


※ 2 Data of Materials necessarily make fluid substance exist
If there is no fluid, an error occurs

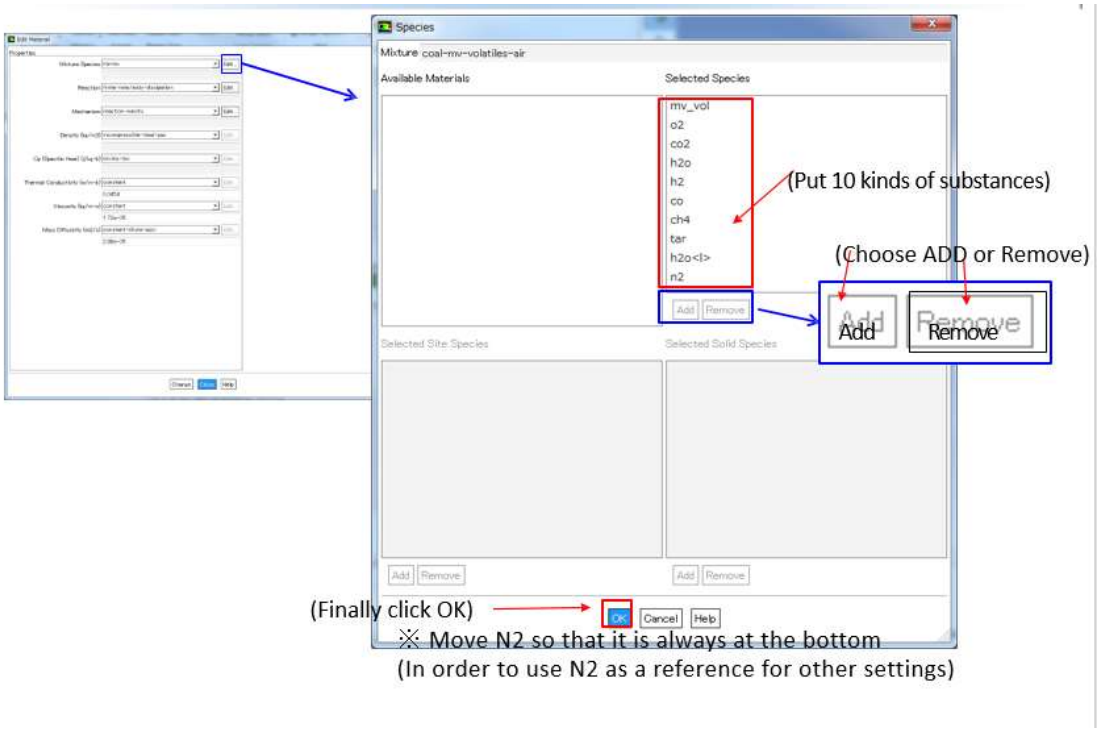
Materials Settings 1-e



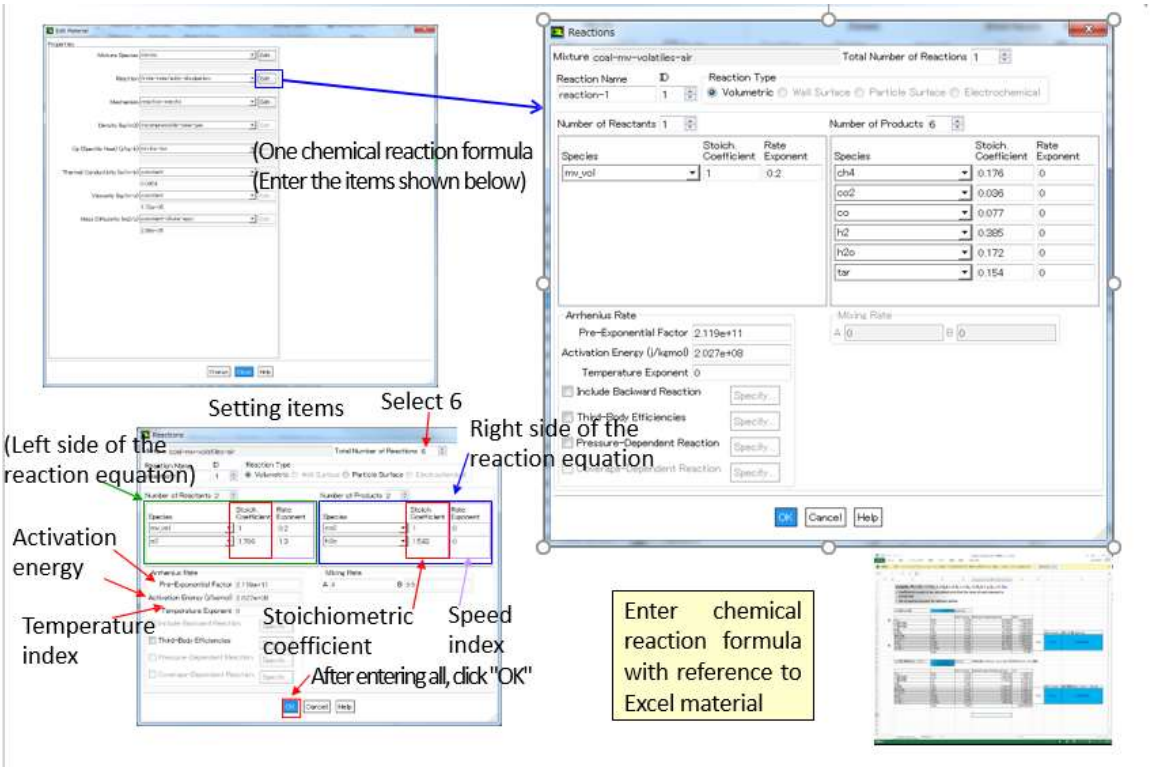
2.5 Species Settings 2-a



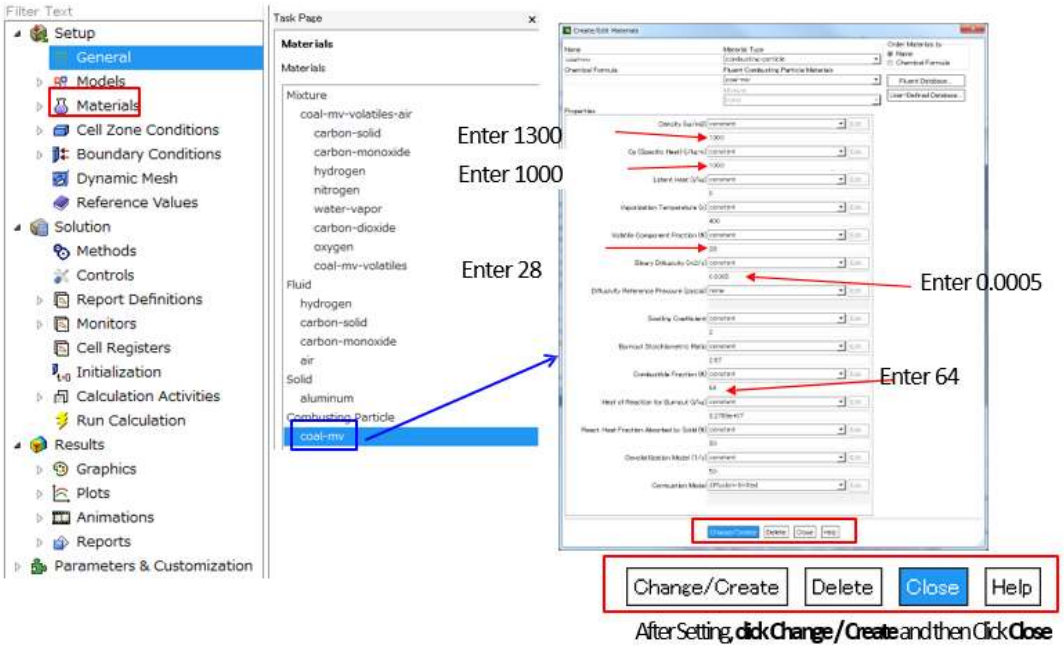
Species Settings 2-b



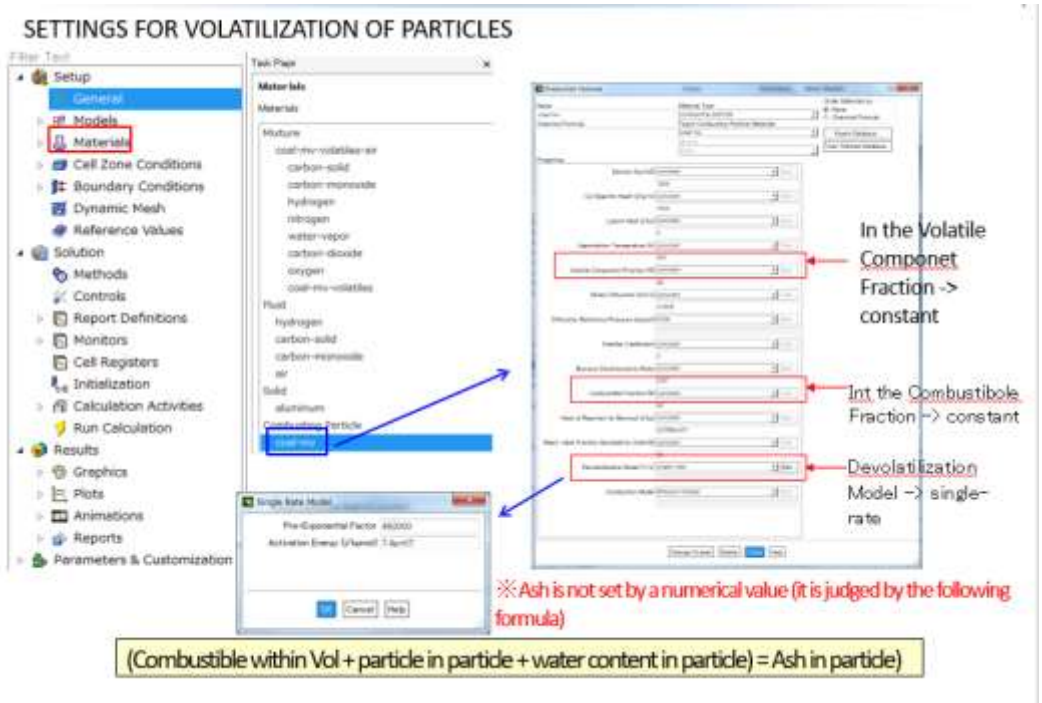
Species Settings 2-c



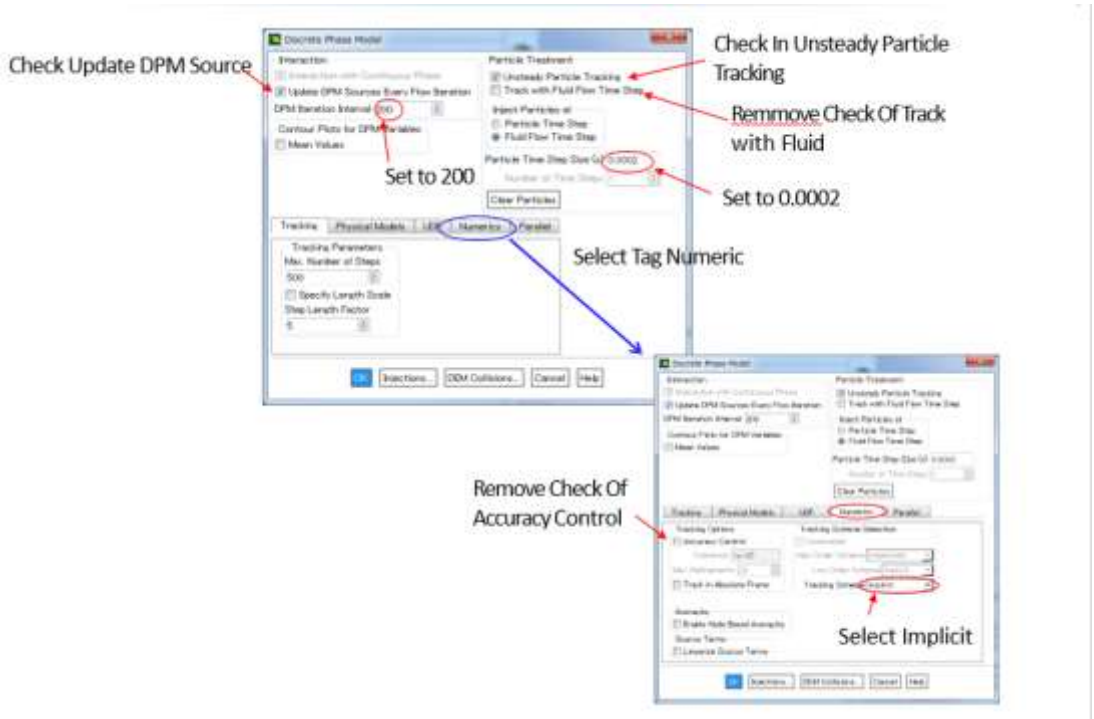
2.6 Materials Settings 2-a



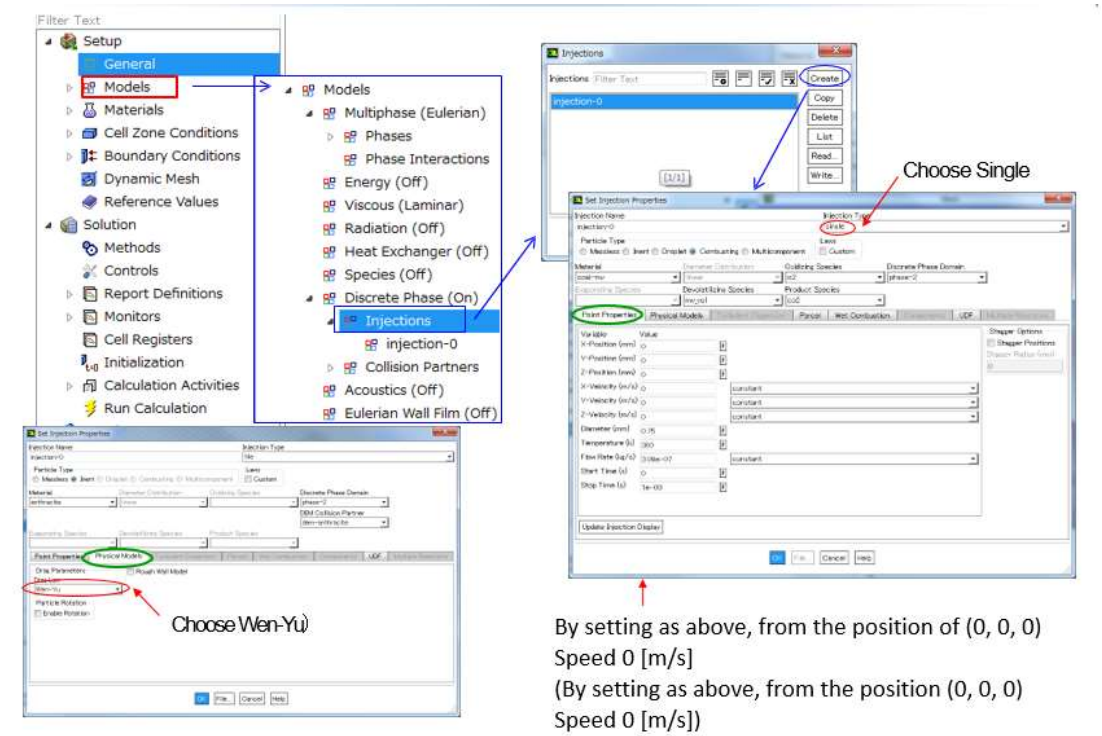
Materials Settings 2-b



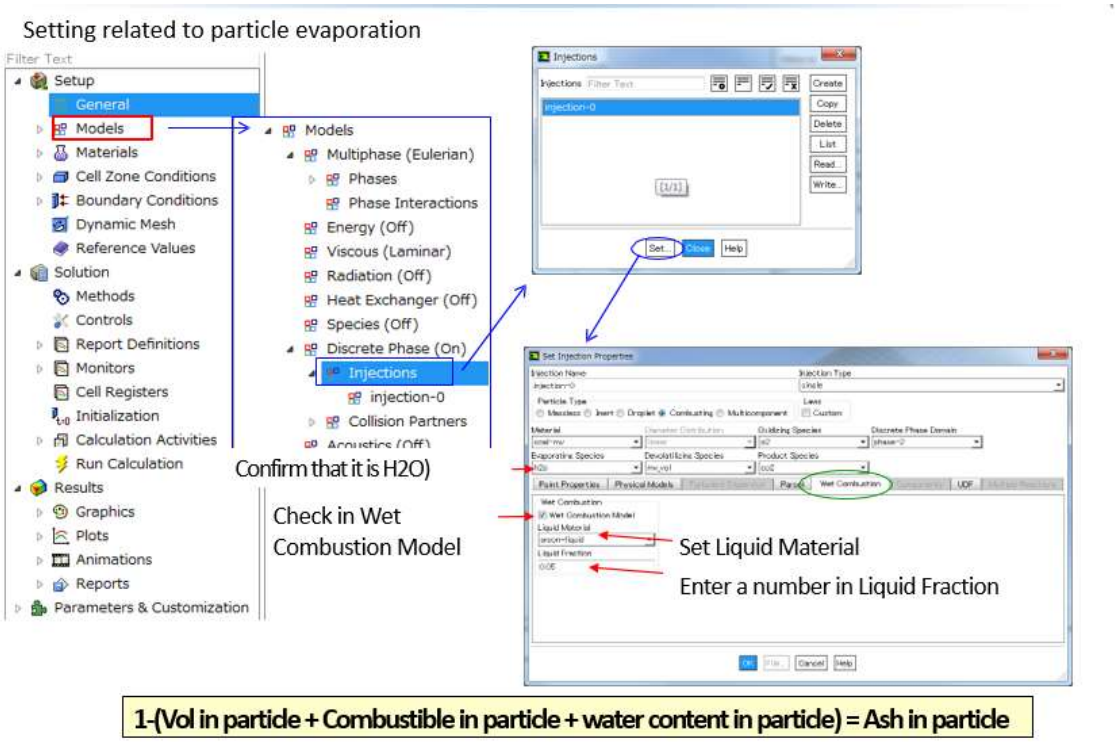
2.7 Discrete Phase Models (DPM) Settings



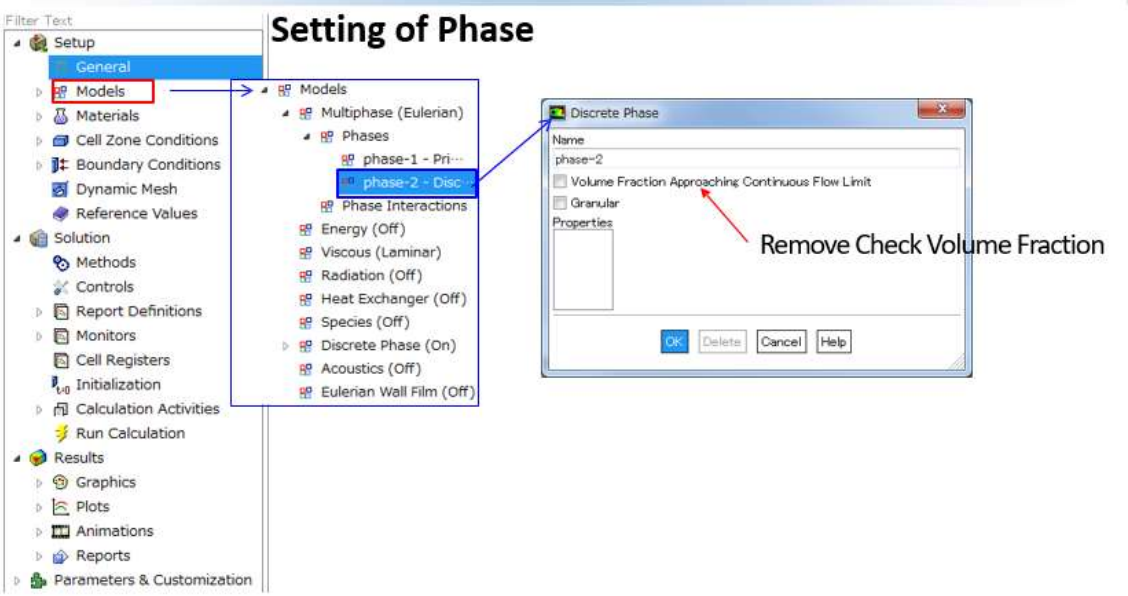
2.8 Injection Settings 1-a



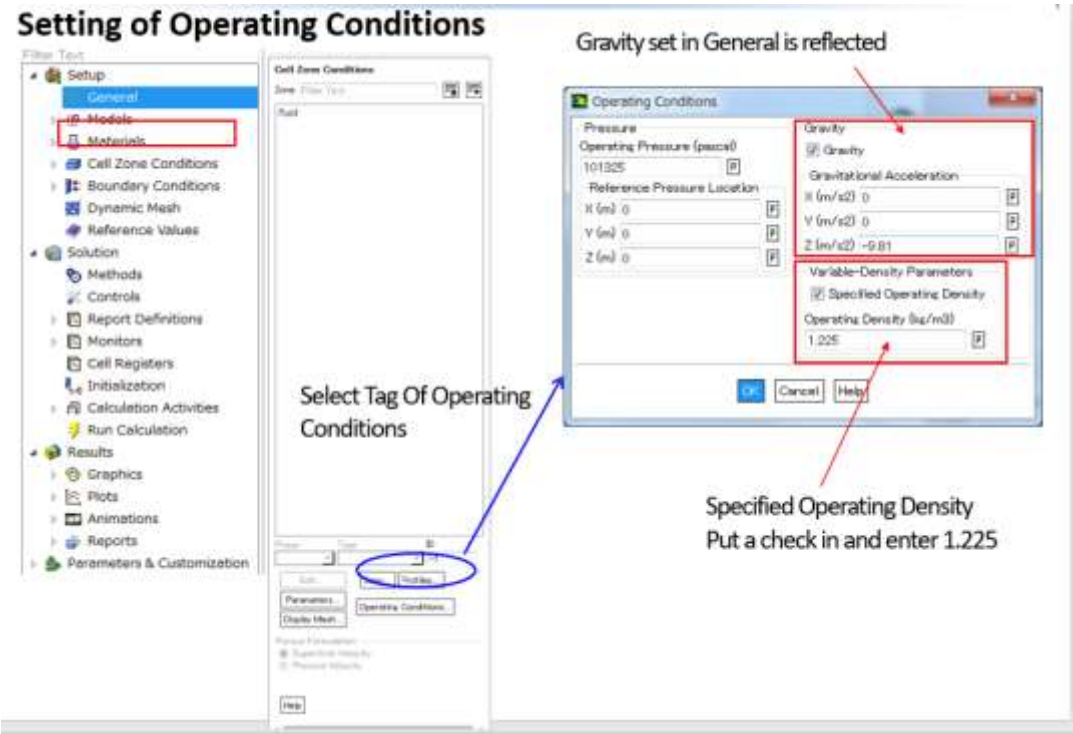
Injection Settings 1-b



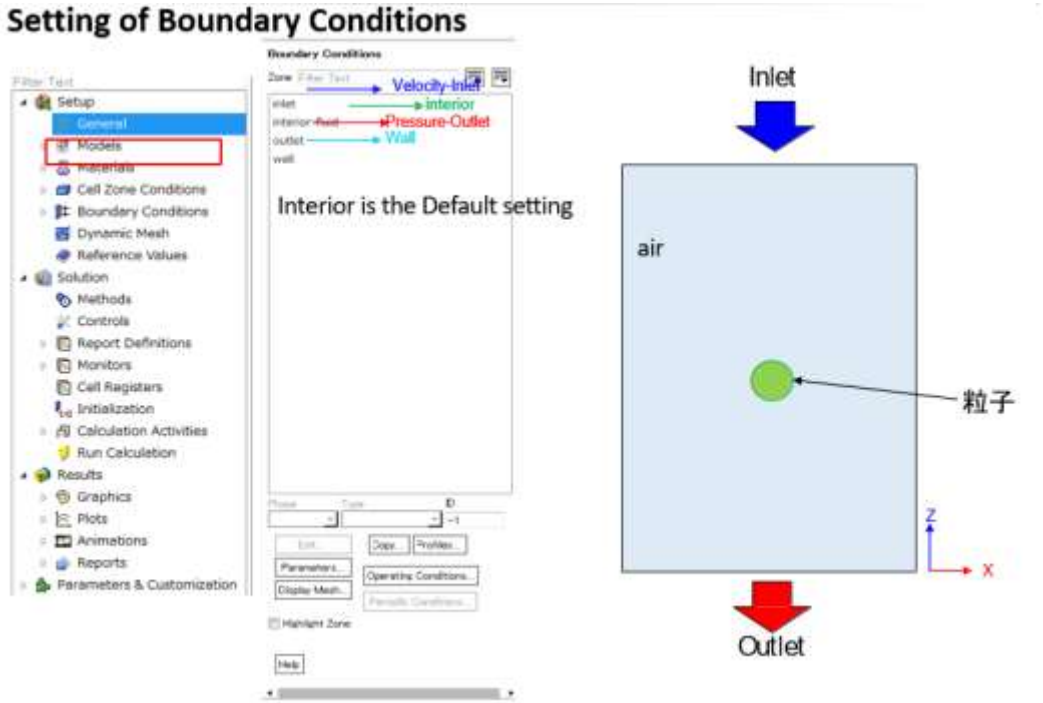
2.9 Phase Settings



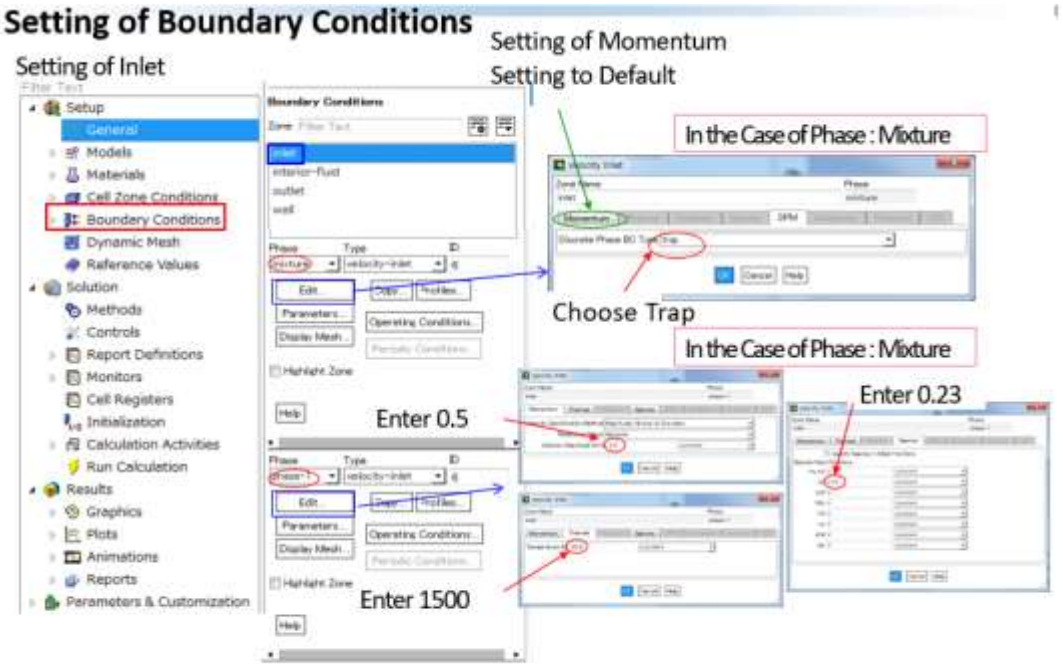
2.10 Operating Condition Settings



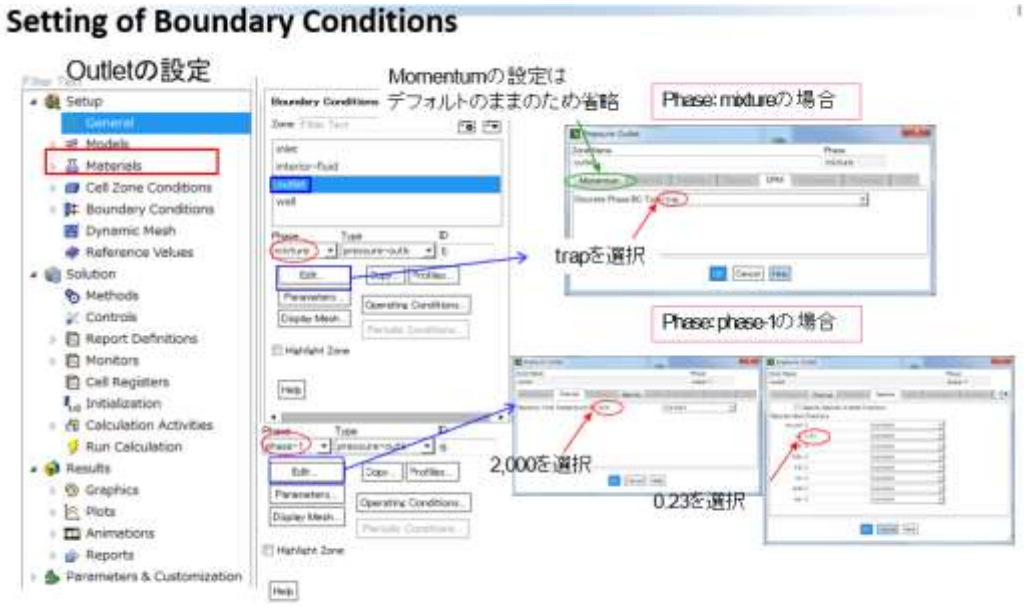
2.11 Boundary Condition Settings 1-a



Boundary Condition Settings 1-b

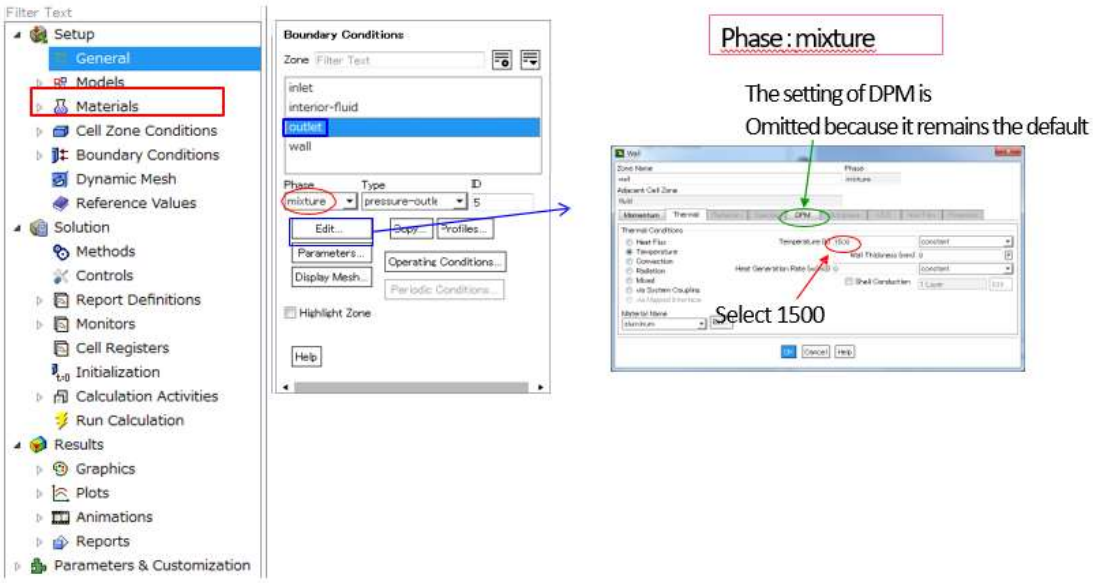


Boundary Condition Settings 1-c

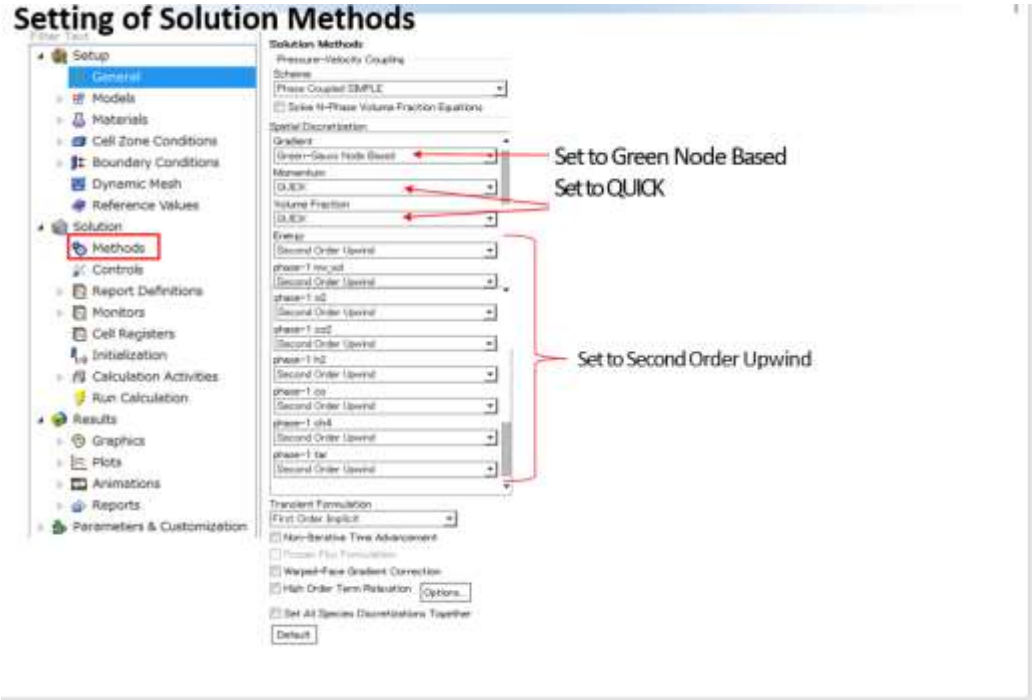


Boundary Condition Settings 1-d

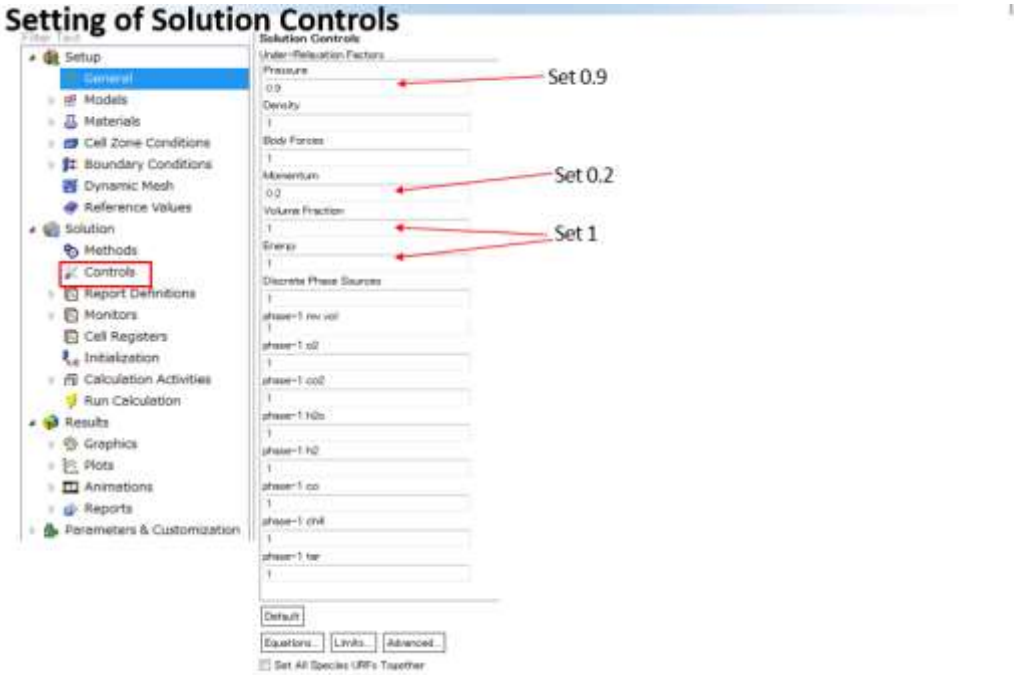
Setting of Walls



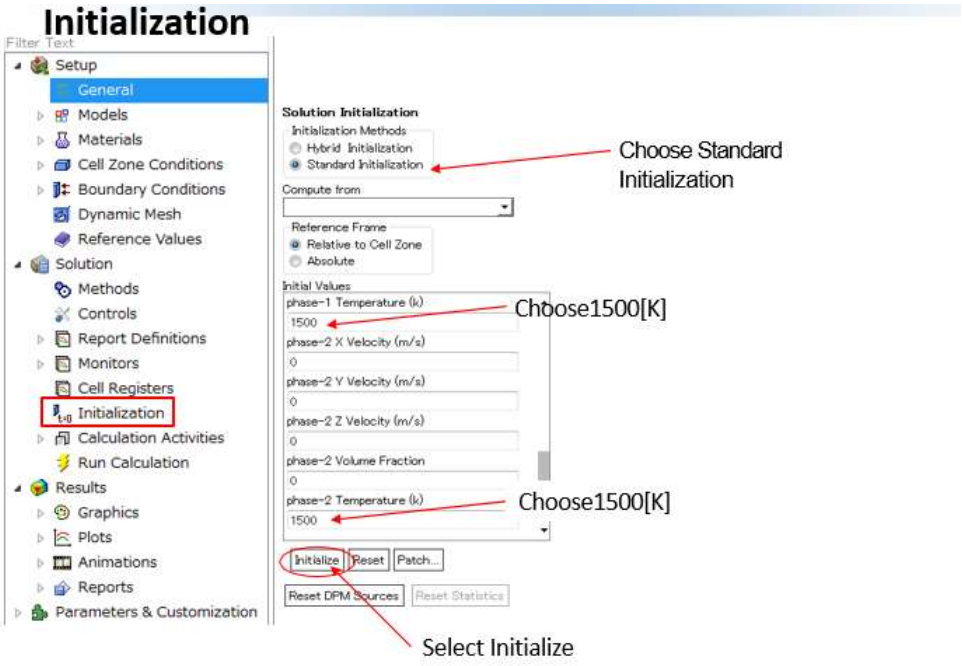
3.1 Solution Methods



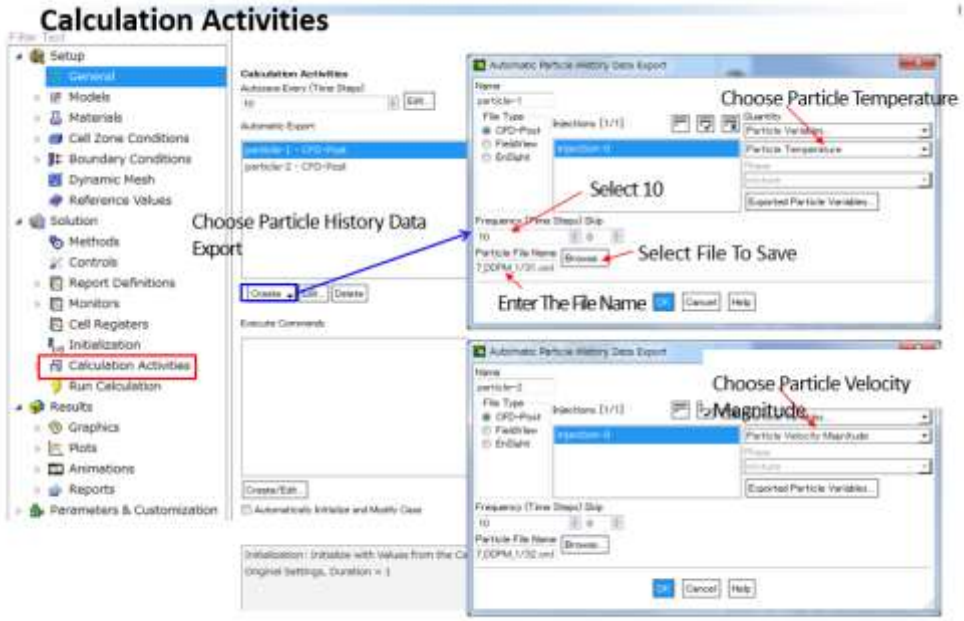
3.2 Solution Controls



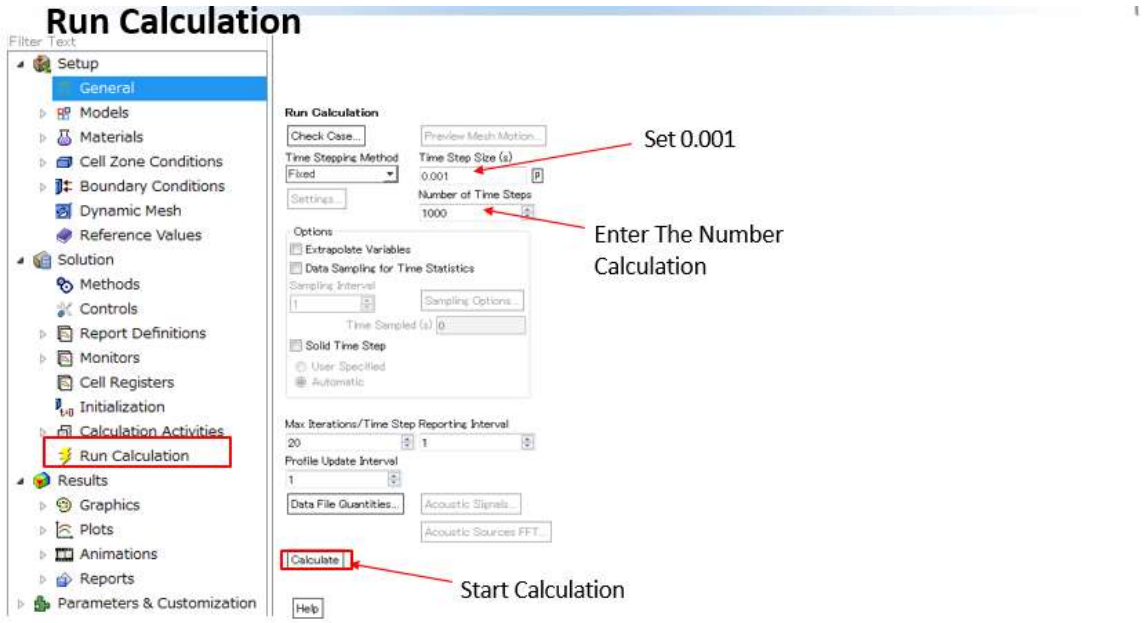
3.3 Initialization



3.4 Calculation Activities



3.5 Run Calculation



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