

Example documentation

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Declarations and definitions

box

box.geometry		uint16
Default value:	3	
Options:	1, 2, 3	
Type of grid geometry		

box.size

box.size.x		float
Default unit:	cm	
Condition:	{?} > 0	
Box size in X direction		

box.size@1a

case	{?box.geometry} == 2		
box.size.y		float	
Default unit:	cm		
Options:	3.0 cm, 4.0 cm		
Box size in Y direction			

box.size@1b

case	{?box.geometry} == 3	
box.size.vy		float64

Default value:	23.000
Default unit:	km/s

box.size.y		float64
Default value:	34.000	
Default unit:	au	

box.size@1c

else	
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box.size.y		float64
Default value:	3.000	
Default unit:	m	

box.size@2a

case	{?box.geometry} == 3
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box.size.z		constant float64
Default value:	23.000	
Default unit:	cm	
Options:	10.0 m, 20.0 cm, 23.0 cm, 26.0 cm	
Box size in Z direction		

modules

modules.heating		bool
Tags:	preprocessor	
Switch on heating module		

modules.hydrodynamics		bool
Default value:	true	
Tags:	preprocessor	
Switch on hydrodynamics module		

modules.radiation		bool
Tags:	preprocessor	
Switch on radiation module		

runtime

runtime.t_max		float
Default unit:	s	
Condition:	{?} > 0	
Maximum simulation time		

runtime.timestep		float
Default unit:	s	
Condition:	{?} < {?runtime.t_max} && {?} > 0	
Simulation time step		

simulation

simulation.name		str
Default value:	simulation	
Format:	[a-zA-Z_-]+	

simulation.precision		str
Default value:	double	
Options:	double, float	

Modifications