



## CapeOpenToolkit.net Unit Wizard



### Create Unit Profile

Create empty profile or select an existing profile to create a new one




- Create New Unit
- Generate Compaibility Types
- Create New Unit from and Existing Profile


	ID	Name	Description
▶	0	DummyUnit	Dummy Unit .Net
	1	SplitterUnit	Splitter Unit .Net
	2	ReactorUnit	Reactor Unit .Net
	3	WarUnit	War Unit .Net
	4	Unit1	Unit1
	5	DummyUnit1	Dummy Unit .Net

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Cancel

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**Profile Informations** 

Fill with information of unit needed to be created

Name	<input type="text" value="DummyUnit1"/>
Guid	<input type="text" value="edc55576-d4c4-4ab3-aa8a-85f6df354bfc"/>
Description	<input type="text" value="Dummy Unit .Net"/>
Project Name	<input type="text" value="CapeOpenUnit1"/>
Guid	<input type="text" value="e88b43d6-fc8c-4ece-a16b-d56a4965ef92"/>
Cape Open Specification	<input type="text" value="0.93"/> 
Vendor Url	<input type="text" value="http://tempuri.org/"/>
Help Url	<input type="text" value="http://tempuri.org/UnitLibrary1/Unit1"/>

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### Data Types

Define data types shared in all aspects of computation



Data Types

	ID	Description	Default	?	Min	?	Max	?	Native
▶	8	Integer	0	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Integer
	9	Double	0	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Double
*				<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	


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**Parameters**  
Define parameters' internal unit state



Parameters

	ID	Name	Default	Del	Mode	Type
▶*	12			<input type="checkbox"/>	ReadWrite	▼

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**Ports**  
Define input/output unit connection with external environment


Ports

	ID	Name	Description	Direction	Object Type
▶	11	InputPort	Input Port of Dummy	Inlet	Thermo/Material ...
	12	OutputPort	Output Port of Dum...	Outlet	Thermo/Material ...
*					

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**CapeOpenToolkit.net Unit Wizard** 

**Code Generation** 

Define arguments necessary to generate a fully-functional project

Destination Path

Target Language  ▼

Project Type  ▼

Root Unit Type  ▼

References

