

# SOFTEAM

## an R&D company

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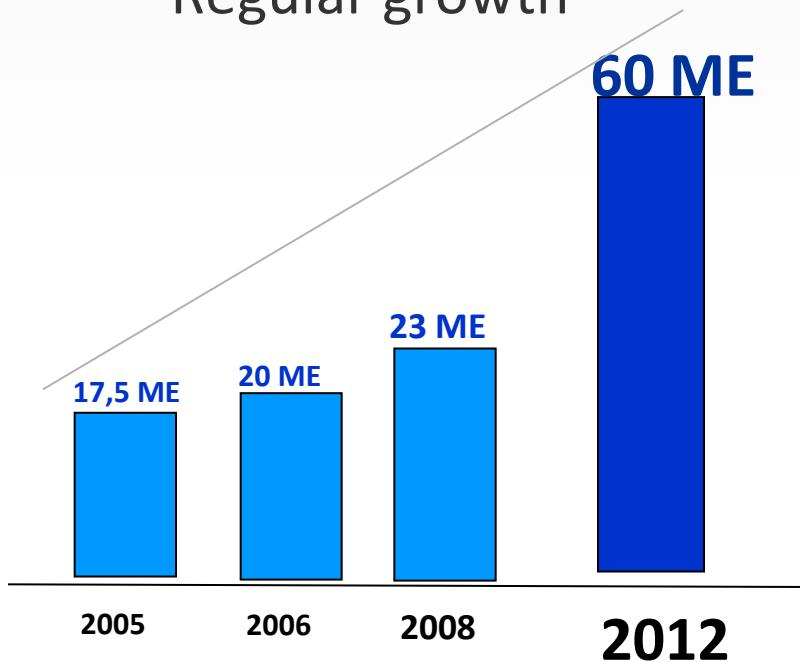
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# SOFTEAM – a French IT services / Software vendor

- SOFTEAM, a growing company

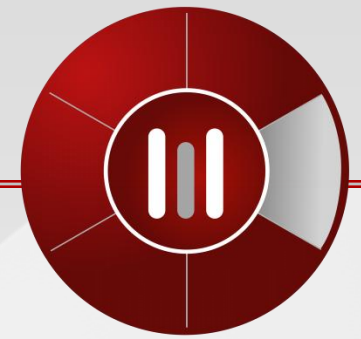
- 20 Years experience
- 700 experts
- Regular growth



- Specialist in OO technologies, new architectures, methodologies
- Banking, Defense, Telecom, ...



# Modelio for Software and System Engineering



- UML editor with 20 years' history

- CloudML
- SysML
- MARTE
- Code generation
- Documentation
- Teamwork

- Available under open source at [Modelio.org](http://Modelio.org)

The screenshot displays the Modelio IDE interface. The main window shows a UML class diagram with two classes: `Task` and `TaskWindows`. `Task` has a public attribute `+Task()` and a public method `+Task()`. `TaskWindows` has a public attribute `+displayTitle: string [...]` and a public attribute `+Attribute: CDC [1..1]`. The diagram also shows a `Task manage...` class and a `GUI` class with an `ITaskView` interface and a `Windows` class containing `+TaskWindows`. The code editor shows the implementation of `TaskWindows` in `TaskWindows.hxx`, including a class header file and an include directive for `TaskWindows.hxx`.

The bottom panel shows the 'Description of 'TaskWindows'' and 'Audit' tabs. The 'Description' tab contains the following text:

```
This class is used to graphically represent Task data. It renders:  
- task information  
- task status  
- resources
```

The 'Audit' tab shows the following table:

Class	Name	Value
TaskWindows	Name	TaskWindows
TaskWindows	Visibility	Public
TaskWindows	Abstract	<input type="checkbox"/>
TaskWindows	Primitive	<input type="checkbox"/>
TaskWindows	Active	<input type="checkbox"/>
TaskWindows	Can be inherited	<input checked="" type="checkbox"/>
TaskWindows	Root	<input type="checkbox"/>
TaskWindows	Main	<input type="checkbox"/>

The 'Outline' tab shows the following table:

Property	Value
Class kind	C++ Class
No code	<input type="checkbox"/>
C++ na...	<input type="checkbox"/>
Is struct	<input type="checkbox"/>
Summary	Task visualization window
Docume...	This class is used to araphically repr...

# Research in SOFTEAM



## Research areas

- System Engineering and Embedded Systems
- Software and Service Engineering

## Standardization - 15 years with OMG

- Unified Modeling Language (UML)
- SoaML, CloudML
- System Engineering (SysML)
- Real-time and Embedded Systems (MARTE)

## 15+ Research projects

- 15+ European and national projects
- Recent FP7: REMICS, ModaClouds, MADES, ENOSYS

## Conferences

- ServiceWave, DATE, ERTS2, ECMFA, MDDay

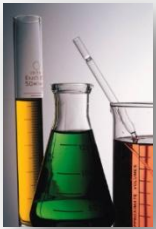
## Open source community

- **[Modelio.org](http://Modelio.org)**

# Contacts



UML Tools



Research



Management



Standardization

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**SOFTEAM R&D Web Site:**  
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**Modelio Web Site :**  
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