



# Tafat

Model Driven Engineering (MDE) applied to complex simulations

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# What is Tafat?

A framework for building simulators

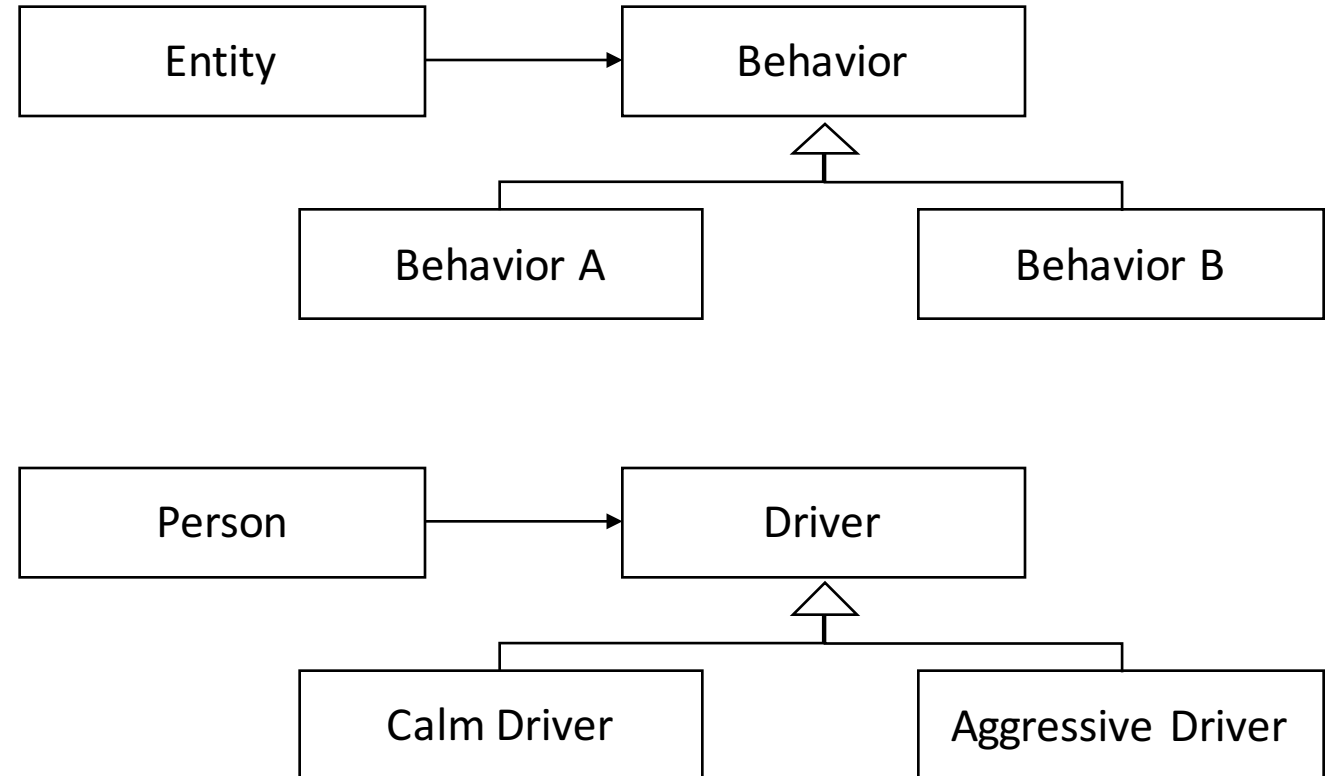
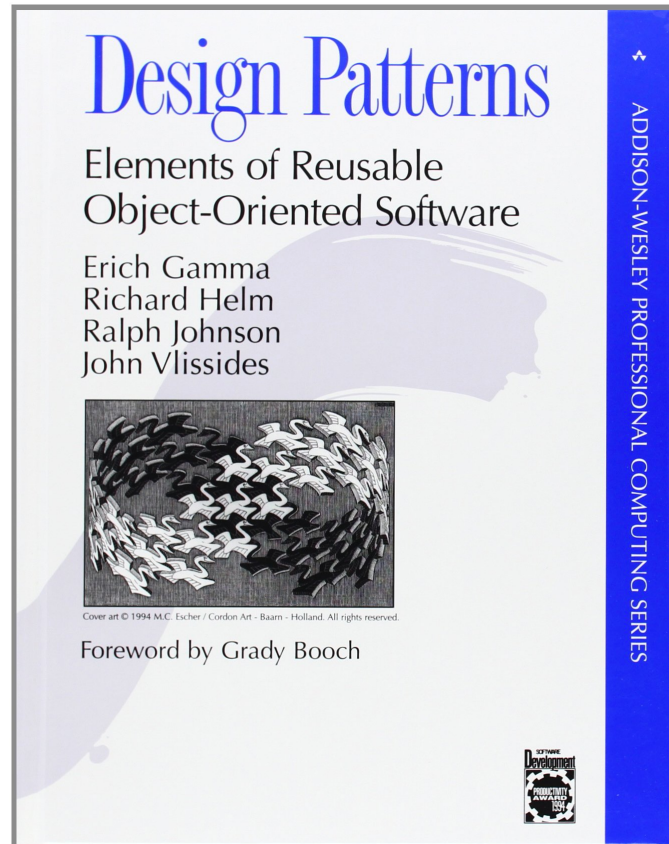
## How Tafat helps me to build a simulator?

It comes with a Domain Specific Language (DSL) and a simulation engine

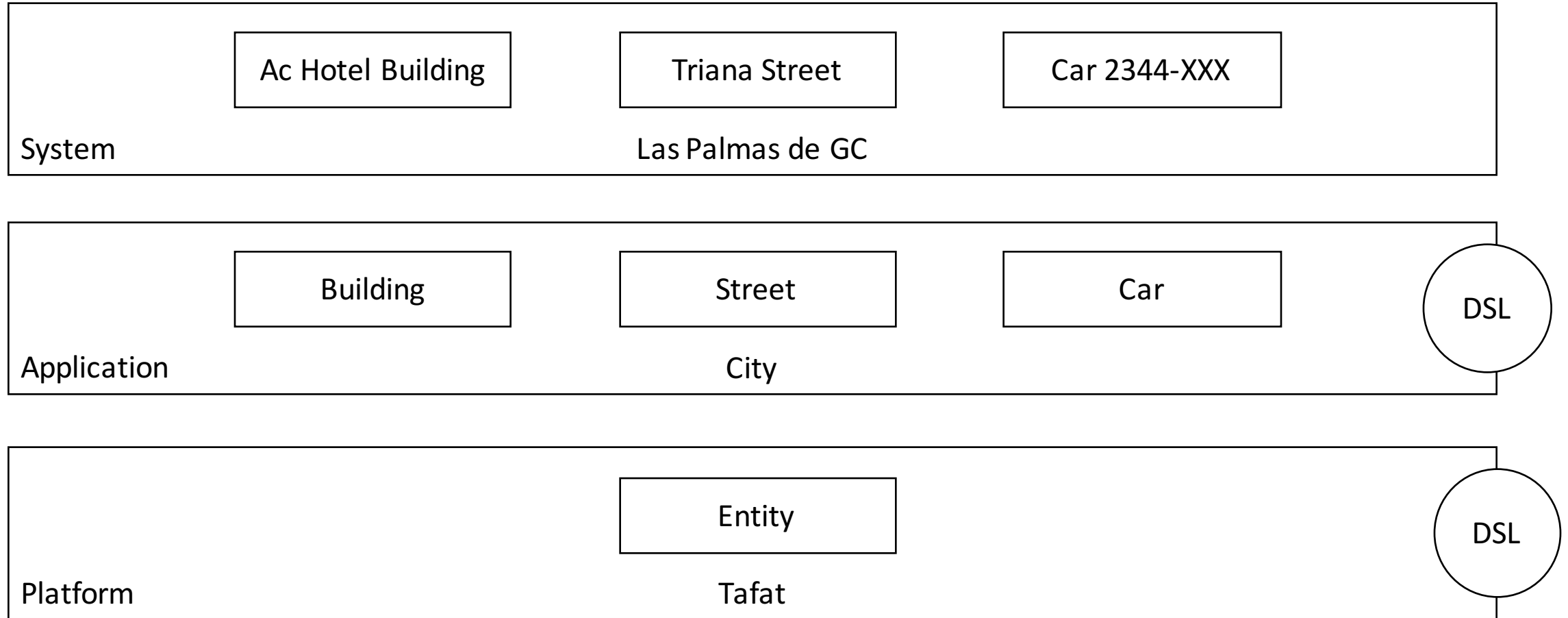
## Why is this helpful?

Simulators and simulations can be written using DSLs that are translated into code

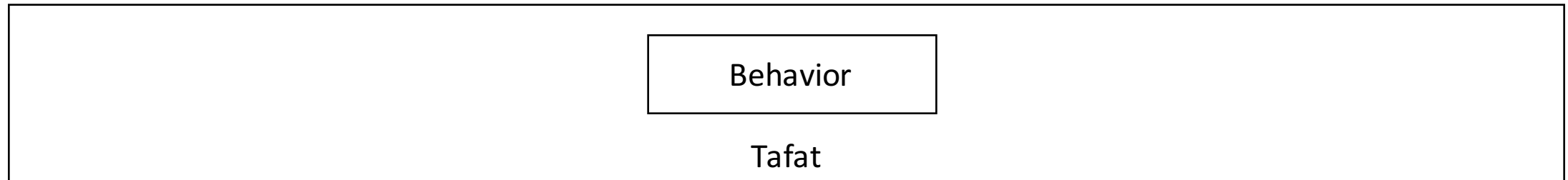
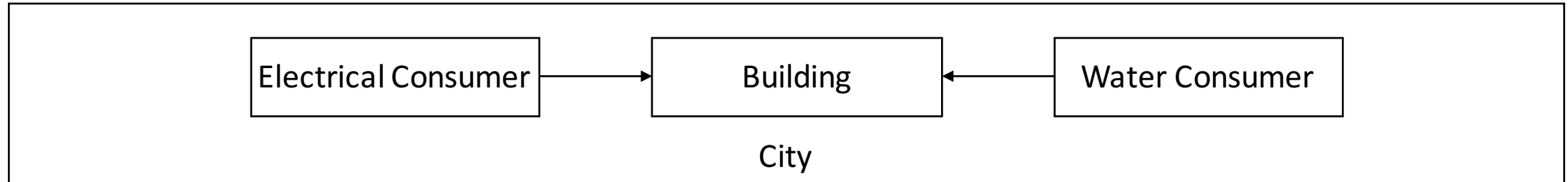
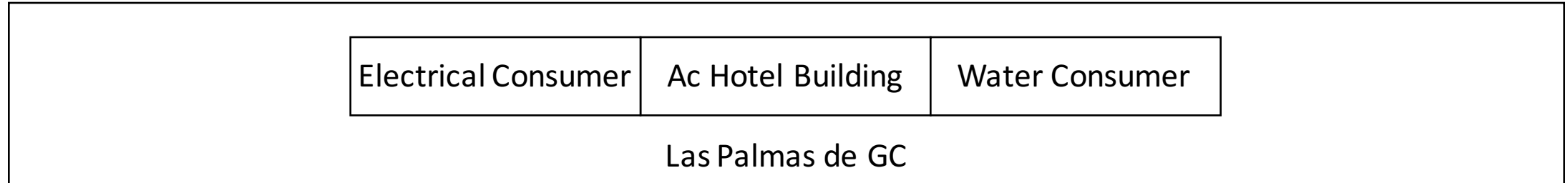
# Tafat modeling approach



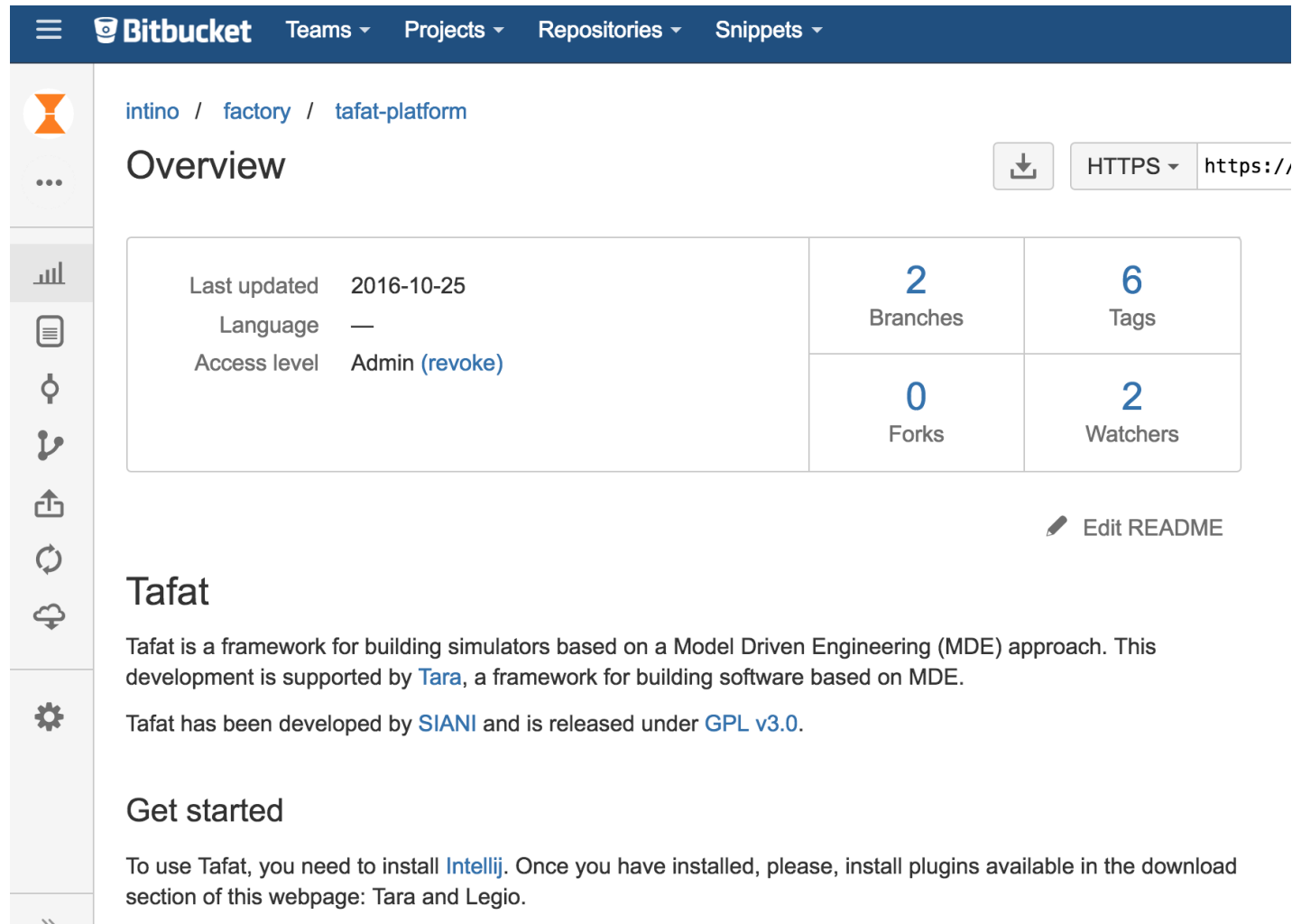
# Simulators and simulations



# Behaviors



Web page: <http://bitbucket.org/intino/tafat-platform>



The screenshot shows the Bitbucket web interface for a repository named 'tafat-platform' under the 'factory' project of the 'intino' organization. The page is titled 'Overview' and displays various repository statistics and metadata.

**Repository Overview:**

- Last updated:** 2016-10-25
- Language:** —
- Access level:** Admin ([revoke](#))
- 2 Branches**
- 6 Tags**
- 0 Forks**
- 2 Watchers**

[Edit README](#)

### Tafat

Tafat is a framework for building simulators based on a Model Driven Engineering (MDE) approach. This development is supported by [Tara](#), a framework for building software based on MDE.

Tafat has been developed by [SIANI](#) and is released under [GPL v3.0](#).

### Get started

To use Tafat, you need to install [IntelliJ](#). Once you have installed, please, install plugins available in the download section of this webpage: Tara and Legio.

# How Tafat builds simulators?

Models are translated into runnable code (MDE approach)

MDE approach supported by Tara

# What is Tara?

A framework for developing MDE based solutions

# What is MDE?

Methodology oriented to build **modular** software based on models

# Why is this helpful?

MDE allows to work a different levels of abstractions enhancing modularity (reuse)