



INGENIAS

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INGENIAS

- INGENIAS es el nombre de un agente Orientado Software Engineering Metodología. Se apoya en el Kit de desarrollo INGENIAS .
- Es un marco de software de código abierto para el análisis, diseño e implementación de sistemas multi-agente

INGENIAS

- La herramienta a usar es IDK (Ingenias Development Kit)
 - Generación de especificación.
 - Validación de diseño.
 - Generación de código.
 - Generación de documentación.

INGENIAS

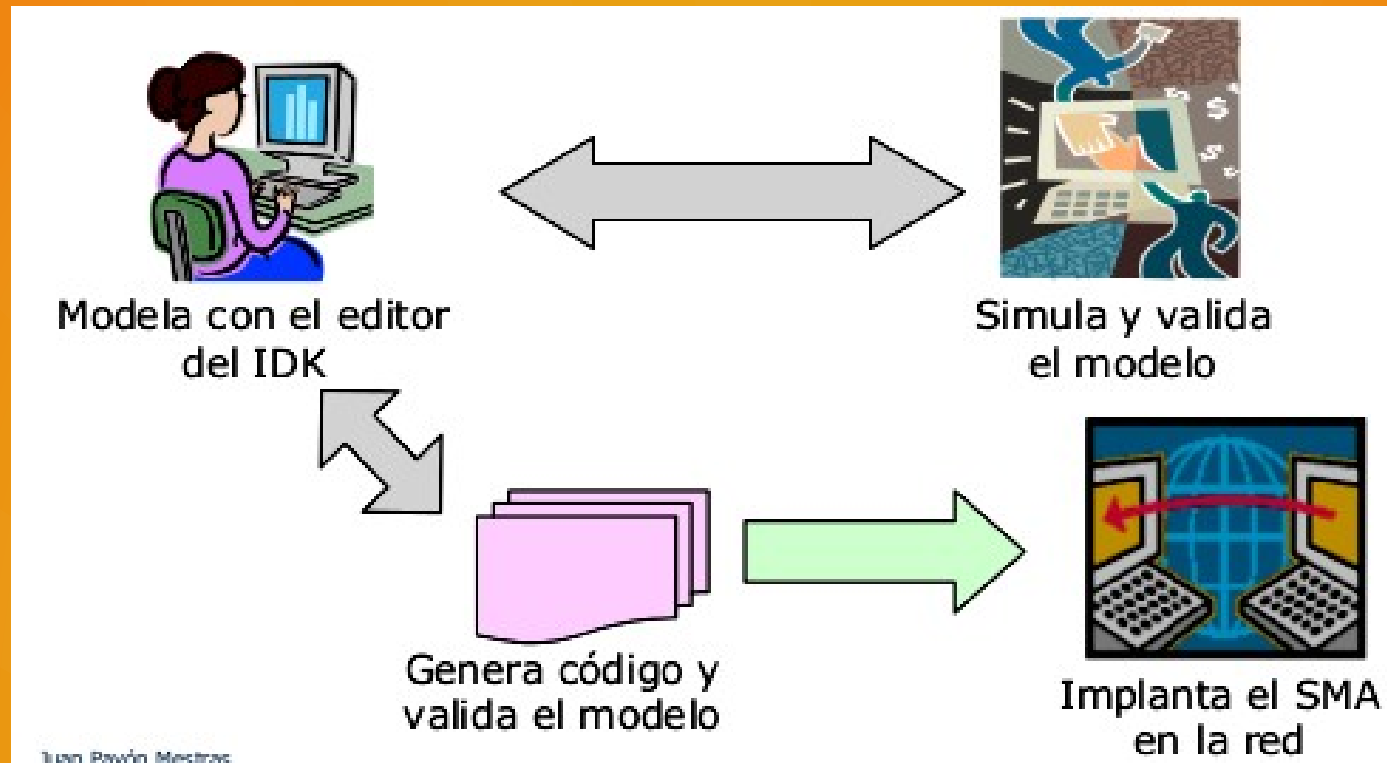
PLANTAMIENTO

- Agentes como paradigma de modelado: Se pueden considerar adaptaciones específicas a dominios de aplicación particulares.
- Implementación sobre distintos tipos de plataforma: Un modelo de SMA se puede implementar sobre una plataforma de agentes o sobre un entorno de objetos tradicional.

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- El modelo de desarrollo

Agentes como paradigma de modelado.



EDITOR INGENIAS

The screenshot displays the INGENIAS editor interface. At the top, a menu bar includes File, Edit, Project, Modules, Preferences, and Help. The interface is divided into several panels:

- Project view:** Shows a tree structure with 'Project' and 'Tasks and Goals'.
- Entities view:** Lists various entities such as INGENIASObject, TestingPacka, MethodParam, MentalState, Slot, Method, MentalEntity, SlotValueSpe, AUMLCompor, DeploymentP, OrganizationG, DeploymentU, AutonomousE, WorkflowBox, AgentCompor, Autonomous, Role, AgentDescript, MentalStatePa, and MentalInstanc.
- Relationship Layout:** Displays a diagram titled 'Tasks and Goals' with the following elements:
 - GuideUser** (circle) is connected to **GuideAgent** (circle) with the relationship **«GTPursues»**.
 - GuideAgent** is connected to **WaitOpportunity** (circle) with the relationship **«WFResponsible»**.
 - GuideAgent** is connected to **GiveIndication** (circle) with the relationship **«WFResponsible»**.
 - WaitOpportunity** is connected to **LocationChanged** (rectangle with a jagged bottom) with the relationship **«WFConsumes»**.
 - GiveIndication** is connected to **SpeechSynthesizer** (triangle) with the relationship **«WFUses»**.
 - GuidanceWorkflow** (circle) is connected to **LocationChanged** with the relationship **«WFConsumes»**.
 - GuidanceWorkflow** is connected to **WaitOpportunity** with the relationship **«WFParticipates»**.
- Logs:** Shows a list of messages:
 - [19:48] Added new module with name "AppLinker"
 - [19:48] Added new module with name "CodeUploader"
 - [19:48] Added new module with name "Example stats report"
 - [19:48] Added new module with name "Ingenias Agent Framework generator"
 - [19:48] Added new module with name "HTML Document generator"
 - [19:48] Loading model Tasks and Goals
 - [19:48] Project loaded successfully