

# Sistema de Gerenciamento de Workflows

MAC 499 – Trabalho de Formatura Supervisionado

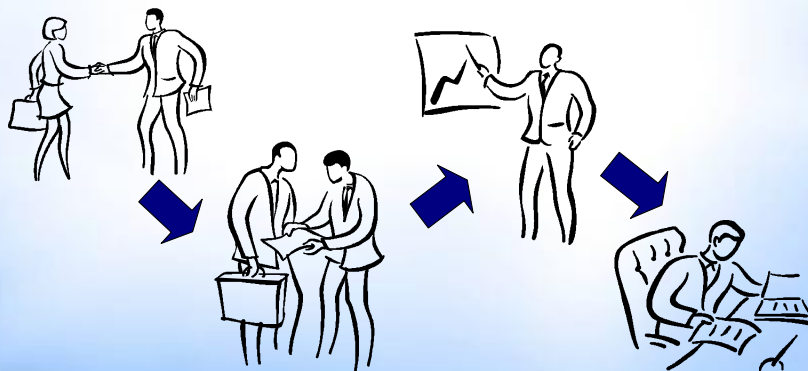
Orientador: Prof. Dr. Alfredo Goldman

Carlos H. de Fernandes  
Cleber Miranda Barbosa  
Giuliano Mega  
Pedro Losco Takecian

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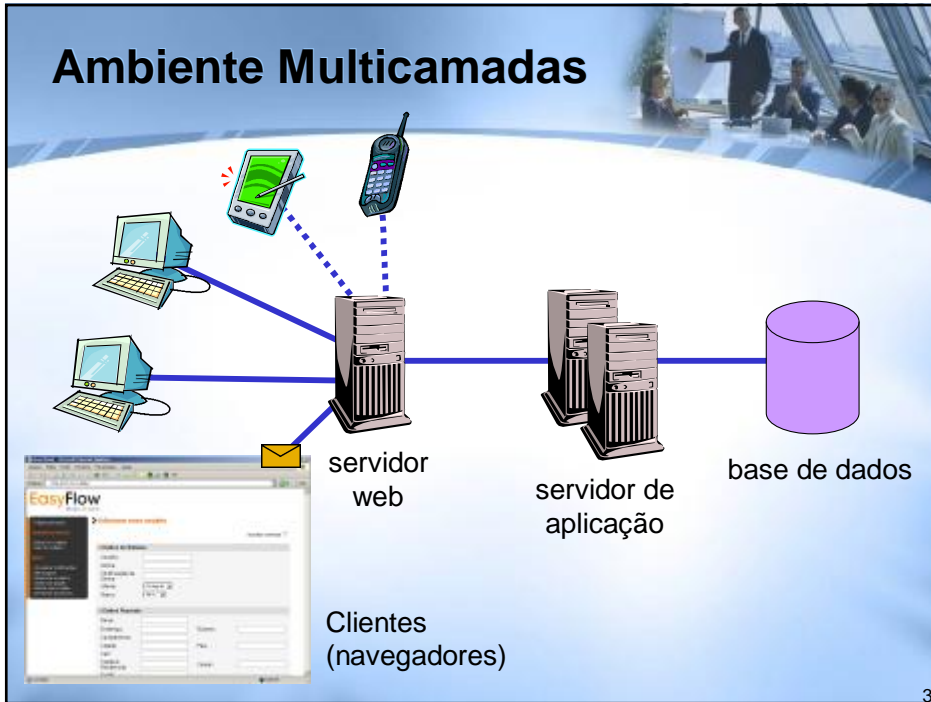
## Motivação

Dentro de uma organização pessoas interagem entre si para executar um trabalho.

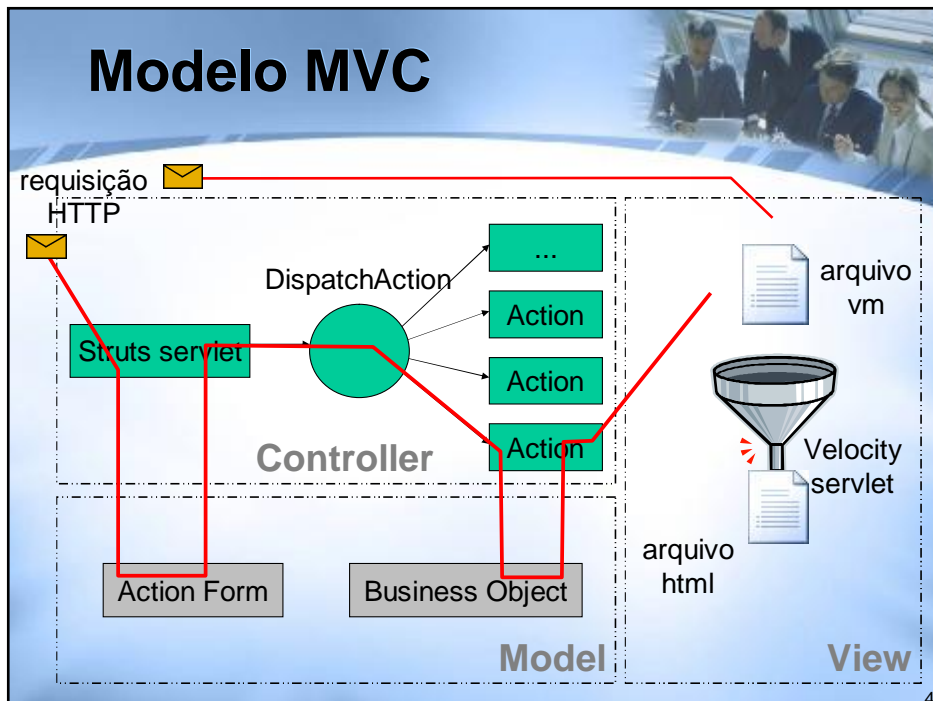


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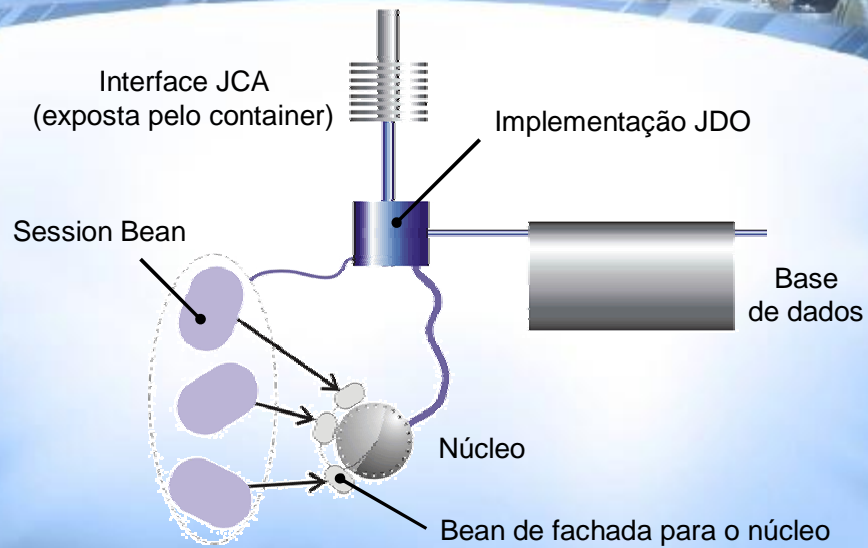
## Ambiente Multicamadas



## Modelo MVC



## Servidor de Aplicação



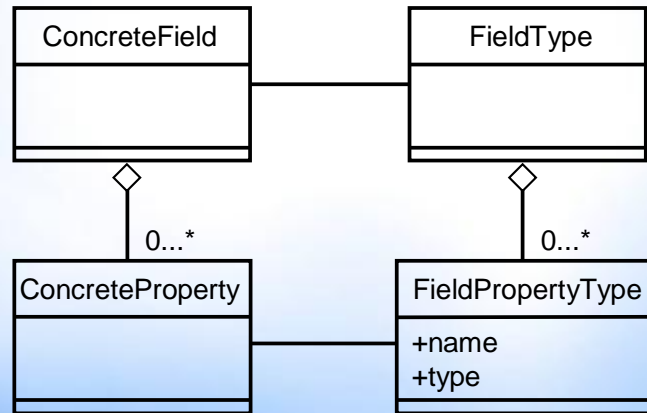
## Padrões de Projeto

Alguns padrões utilizados:

- TypeSquare
  - Singleton
  - Strategy
  - Data Transfer Object (DTO)
  - EJBHomeFactory
  - ...
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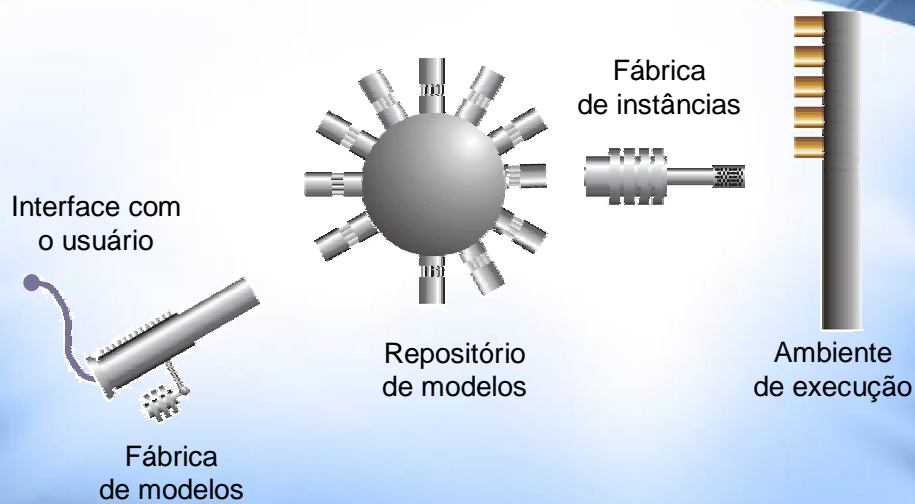
## Padrão TypeSquare

- padrão extraído de AOMs (Adaptive Object Models)
- paradigma adaptativo: metaclasses + metadado



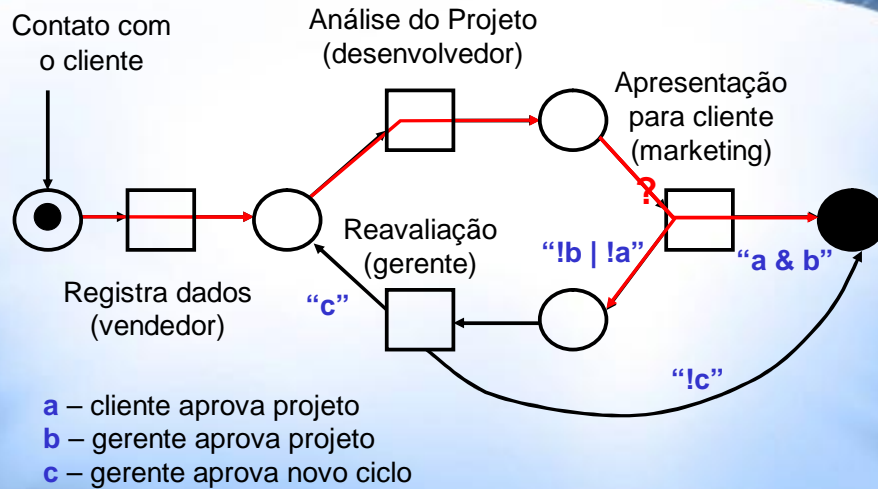
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## Dinâmica do Núcleo



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## Uma WF-net



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## Referências

- W.M.P. van der Aalst. *The Application of Petri Nets to Workflow Management*, 1998, em: [http://tmitwww.tn.tue.nl/staff/wvdaalst/Petri\\_nets/petri\\_nets.html](http://tmitwww.tn.tue.nl/staff/wvdaalst/Petri_nets/petri_nets.html).
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