

SCE 0265



ICMC-USP

# Padrões de Projeto Ajax

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Aluno PAE: Willian Massami Watanabe







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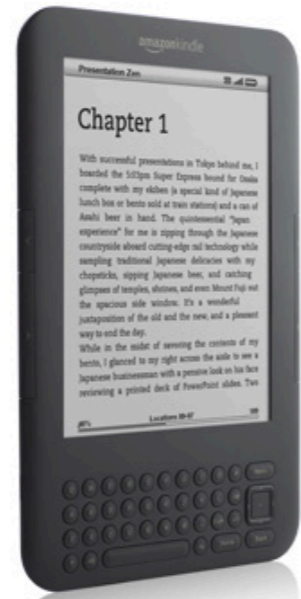
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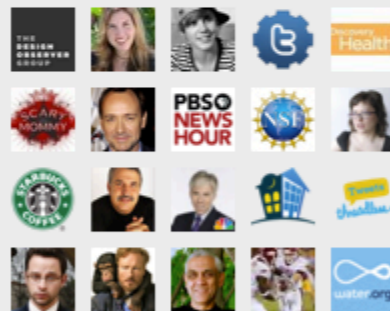
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about 1 hour ago



**ed\_price** Since Pujols and La Russa attended Glenn Beck rally, #StLCardinals are 8-16 (about to be 8-17) and Pujols has hit .229.

about 1 hour ago



**jonseff** Jeff Zucker thinks 99¢ iTunes rentals of NBC TV shows "would devalue our content"? Letting Heroes last 4 seasons already took care of that.

4 hours ago

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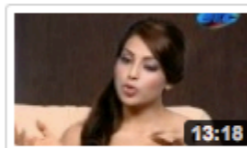
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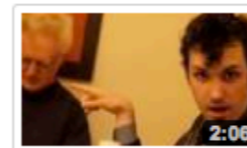
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# Características de aplicações Ajax

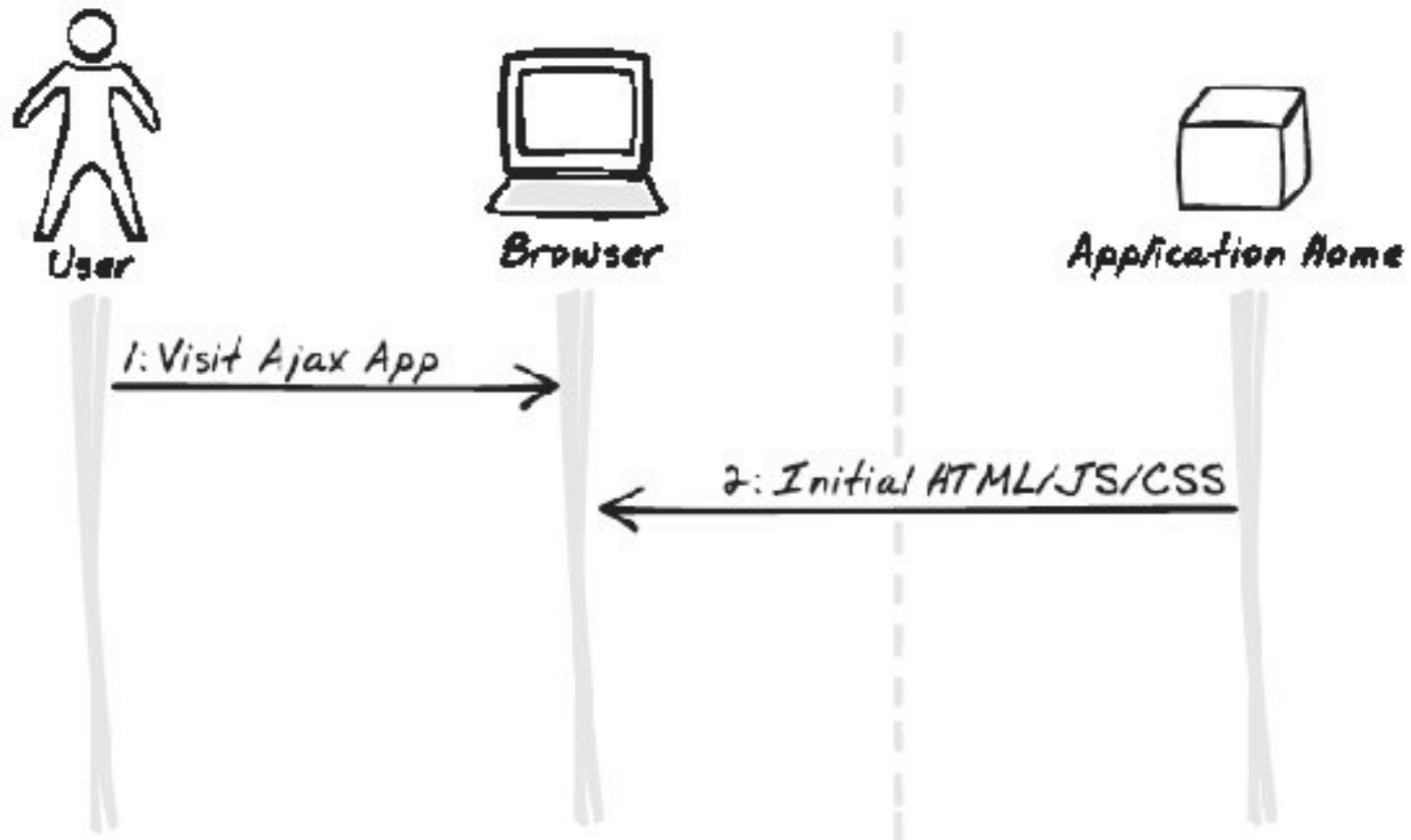
- Aplicações web, não apenas web sites
- Interação contínua
- Informações atualizadas
- Efeitos visuais
- Novas widgets
- Com base em padrões



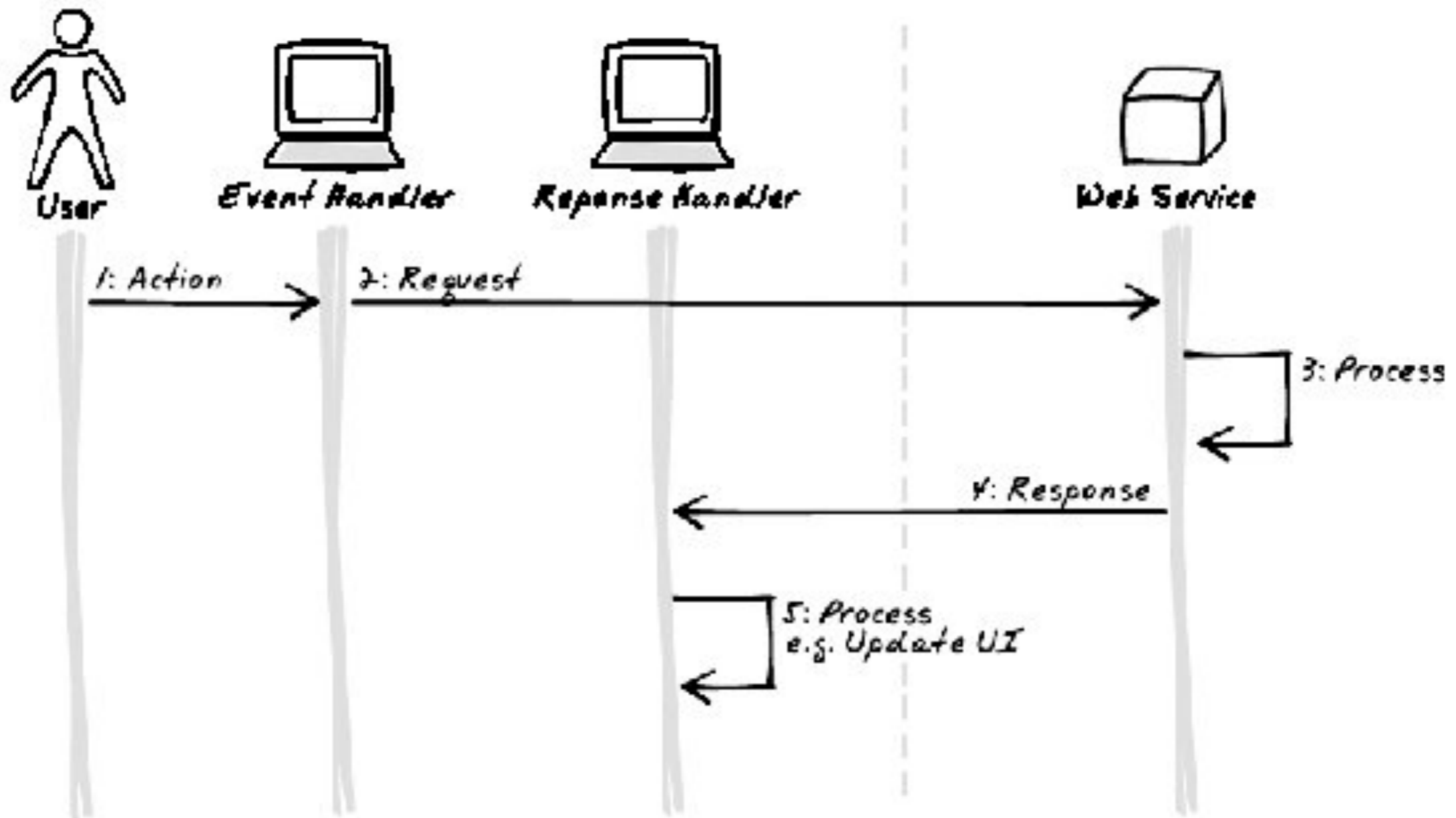
# Tecnologias do Ajax

- HTML/XHTML e CSS
- HTTP, CGI, Submissão de formulários
- Script do lado servidor
- JavaScript
- XML e DOM
- DOM Events (DHTML)
- Web Remoting

# Interação Convencional



# Interação Ajax



# Características Desejáveis em Ajax

- Usabilidade
- Produtividade do desenvolvedor
- Eficiência
- Confiabilidade
- Privacidade
- Acessibilidade
- Compatibilidade

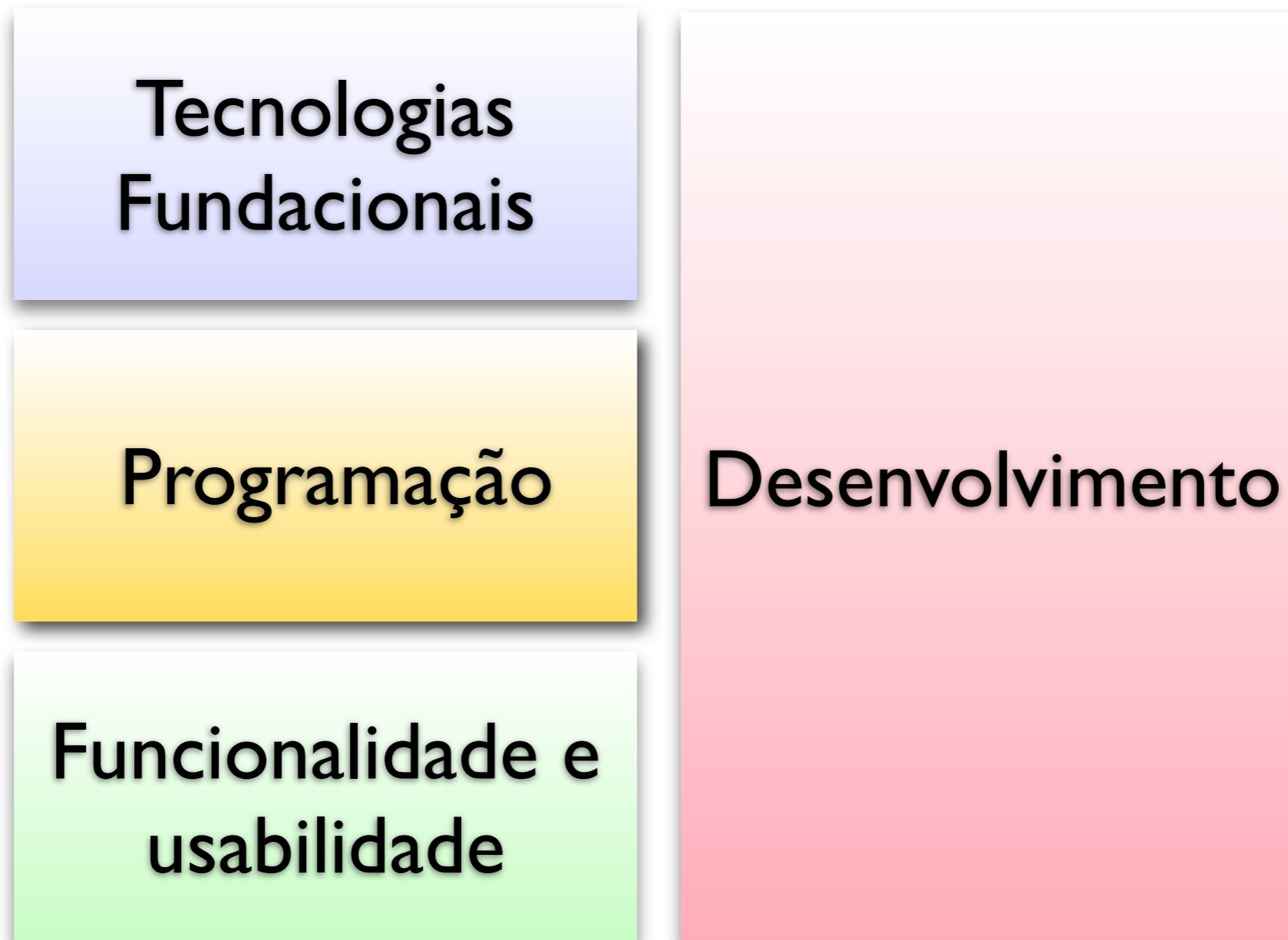
# Princípios de Usabilidade

- Padrões web
- Navegador != *desktop*
- Enfatizar diferenciações
- *Affordabililty*
- Interação contínua
- Customização
- “Torne a interação divertida”

# Princípios de desenvolvimento

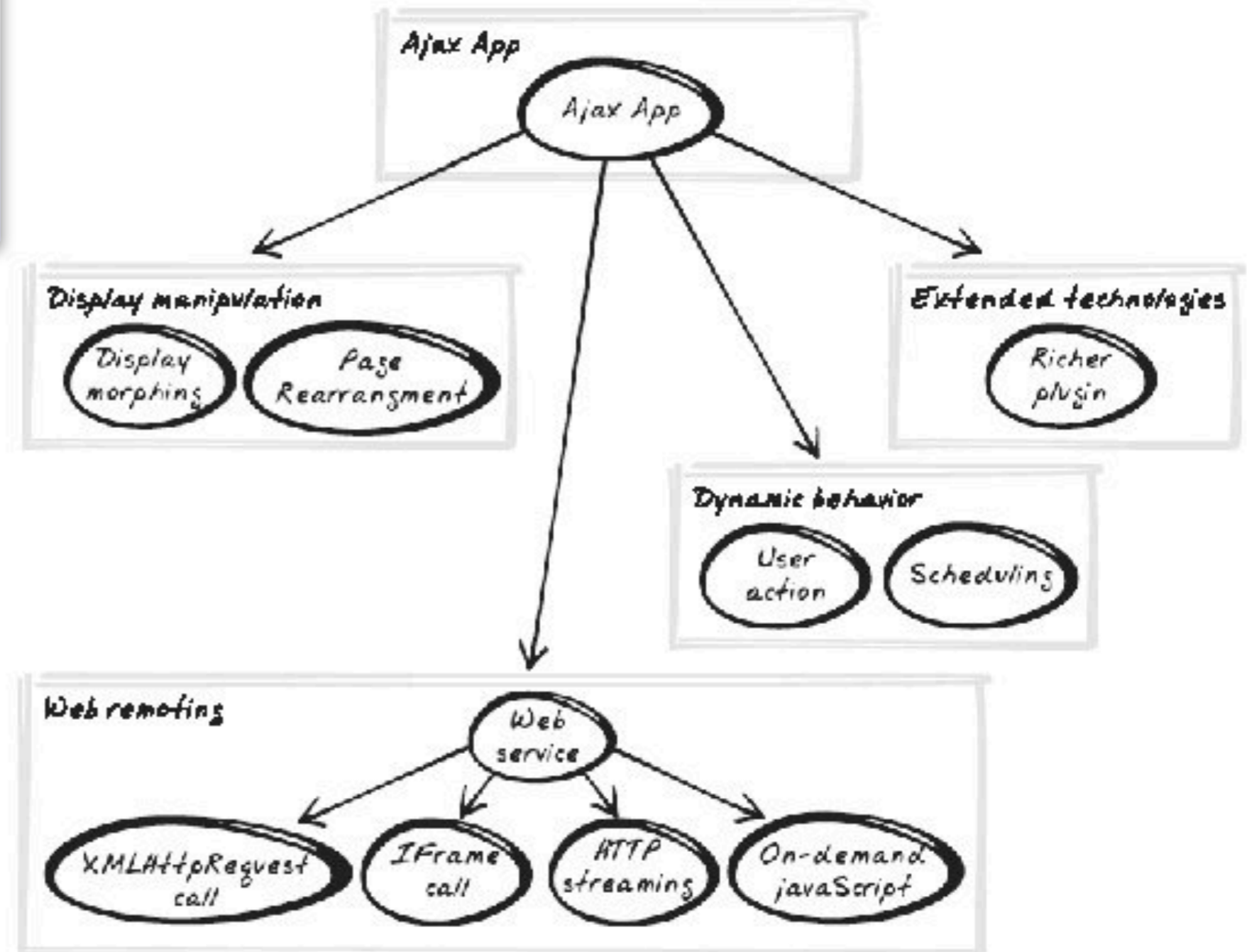
- Utilize JavaScript
- Utilize alternativas quando necessário
- Interações assíncronas
- Compatibilidade
- Trabalhe o volume de dados e latência
- Separação de conceitos
- “Pegue leve com o navegador”
- *Practice graceful degradation*

# Classificação dos padrões Ajax



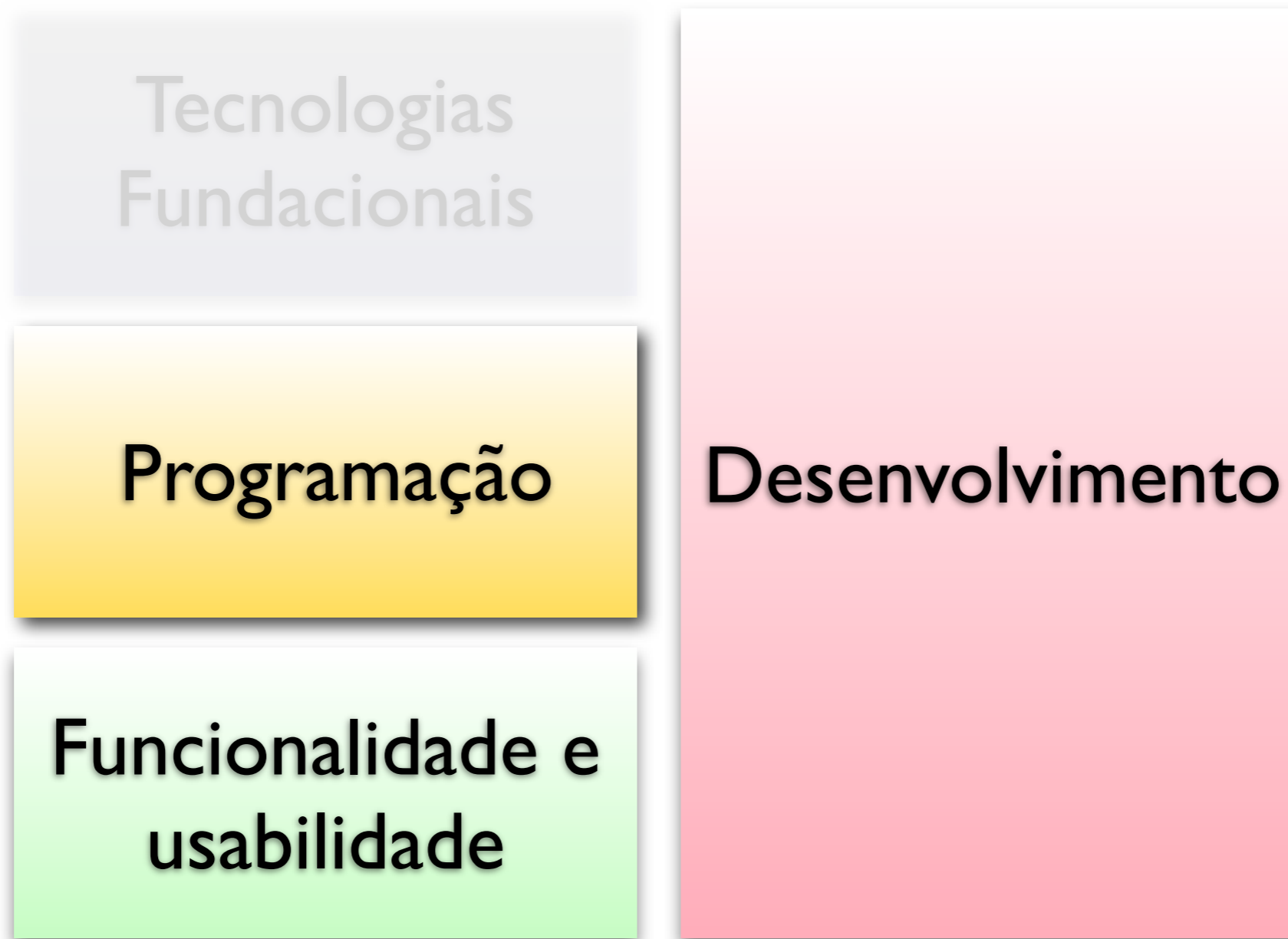
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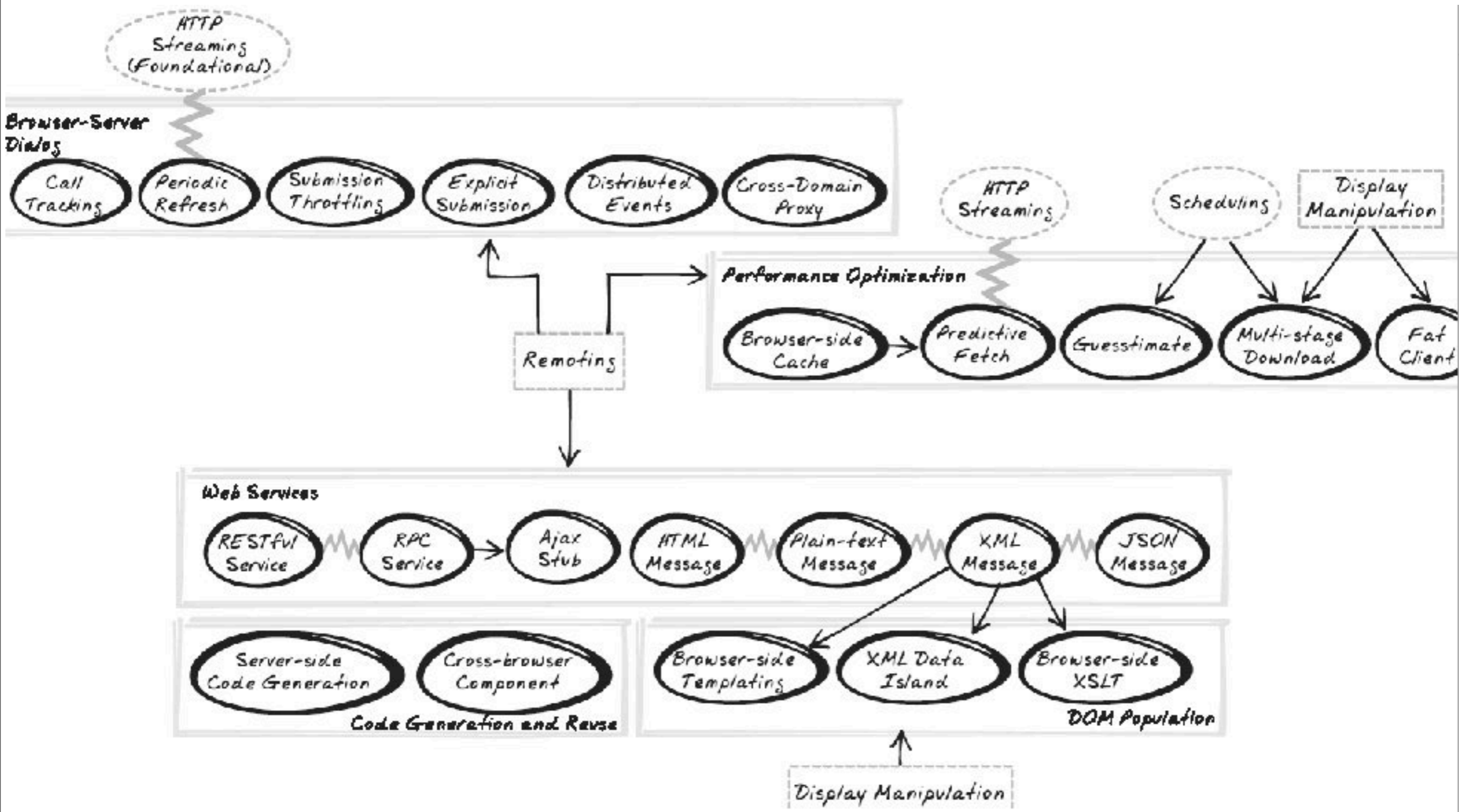
Tecnologias  
Fundacionais





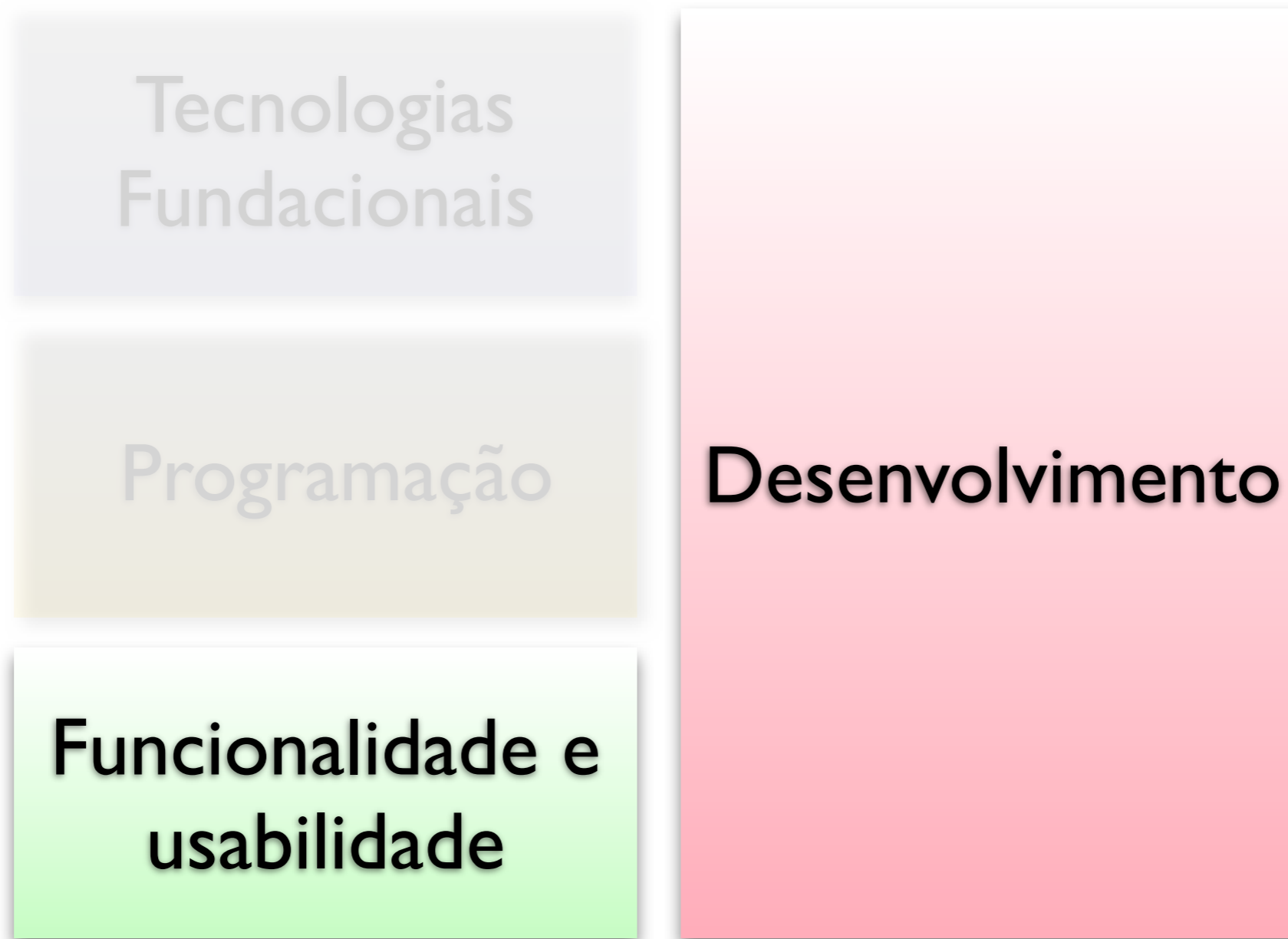
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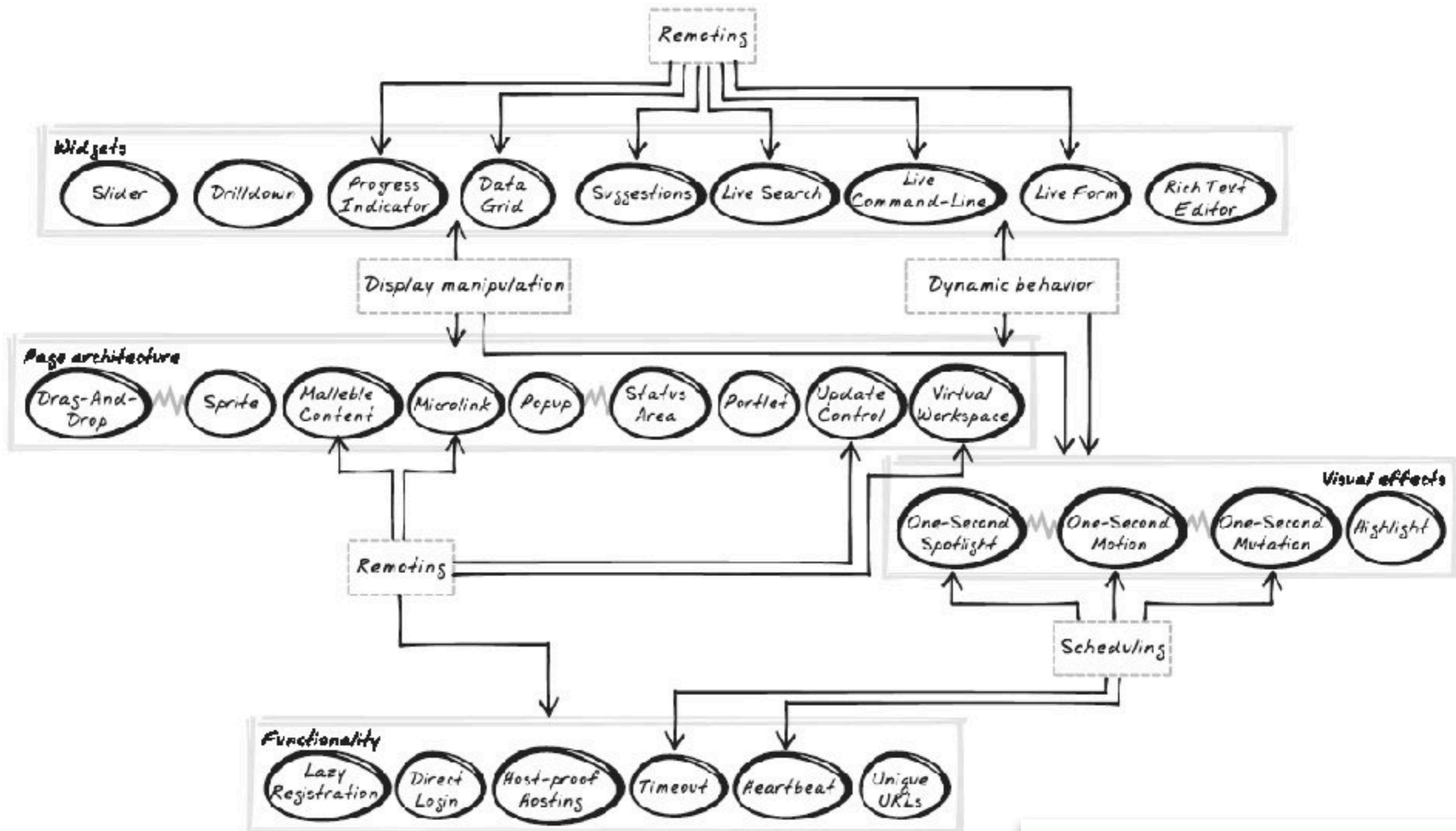




# Programação

# Classificação dos padrões Ajax





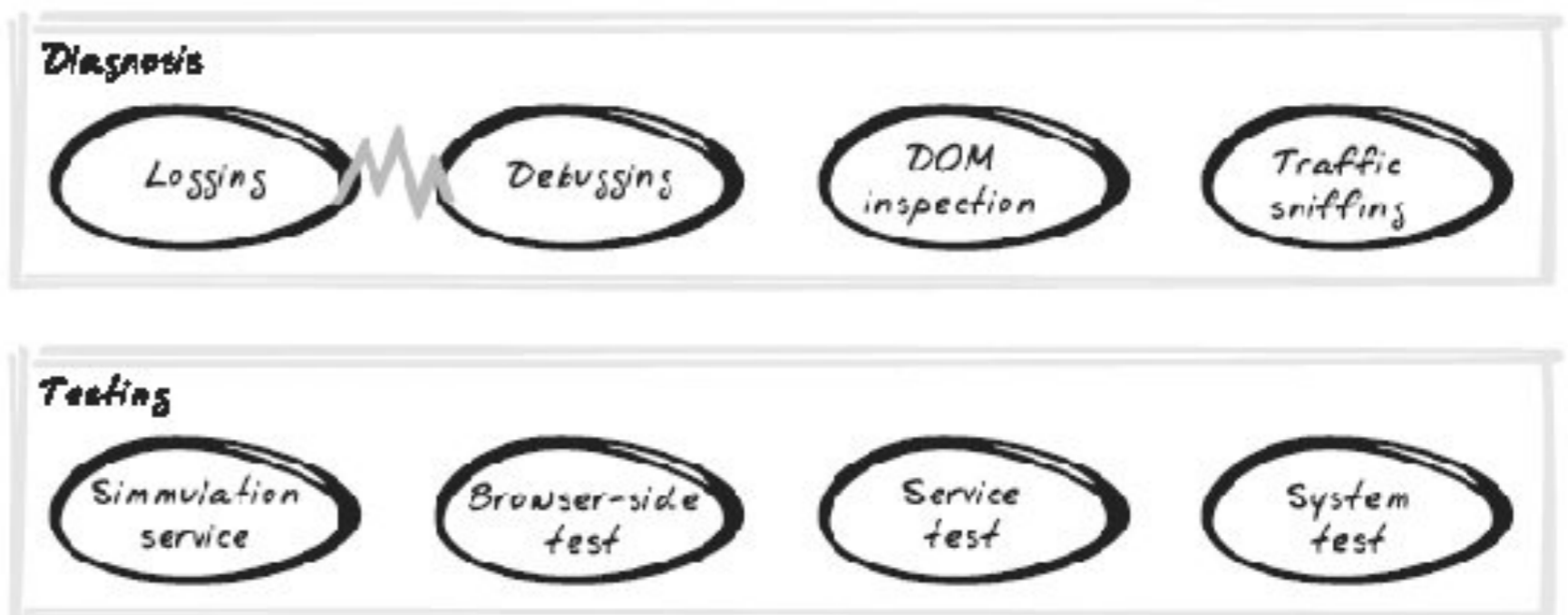
**Funcionalidade e usabilidade**

# Classificação dos padrões Ajax



# Classificação dos padrões Ajax

Desenvolvimento



# Anatomia do padrão

- Evidência
- *Tags*
- Descrição resumida
- Objetivo
- Problema
- Forças
- Solução
- Decisões
- Exemplos no mundo real
- Exemplos de código
- Alternativas
- Padrões relacionados
- Metáfora
- Referências