

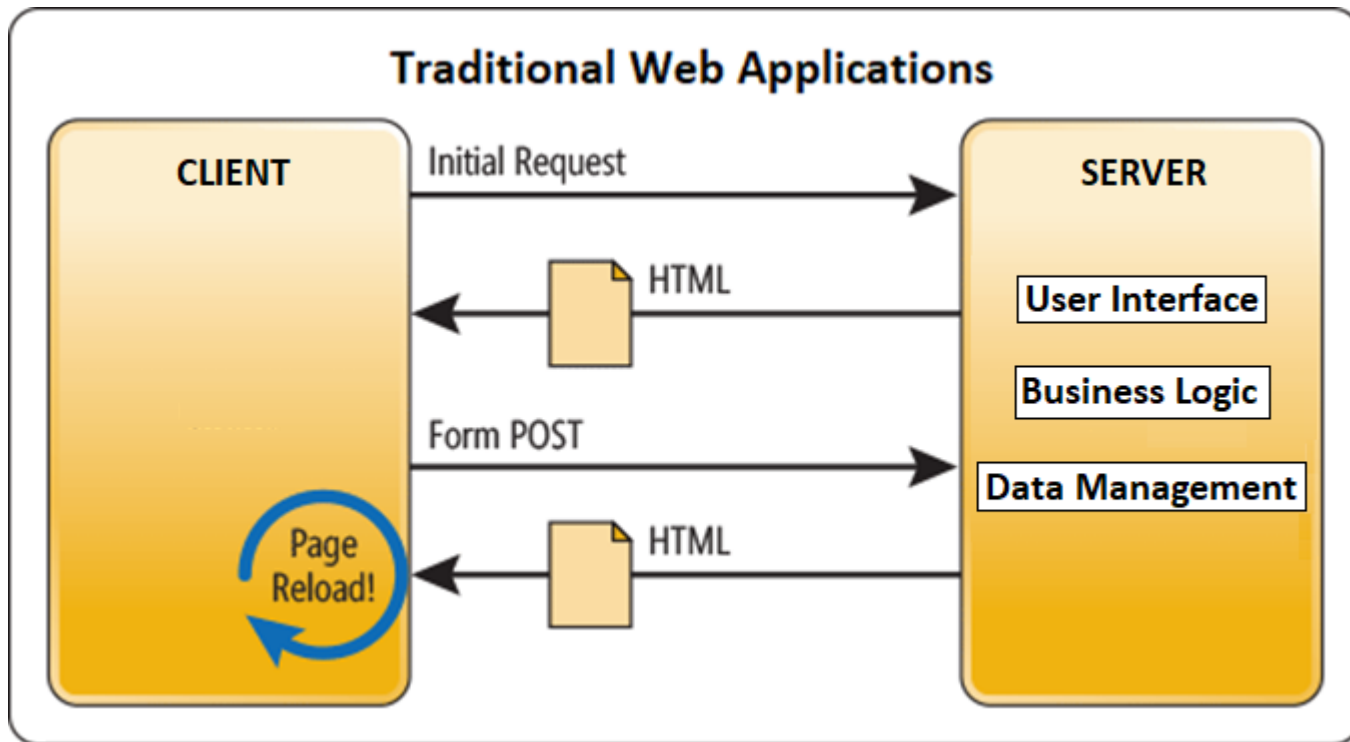


A Model-Driven Approach to develop Rich Internet Applications

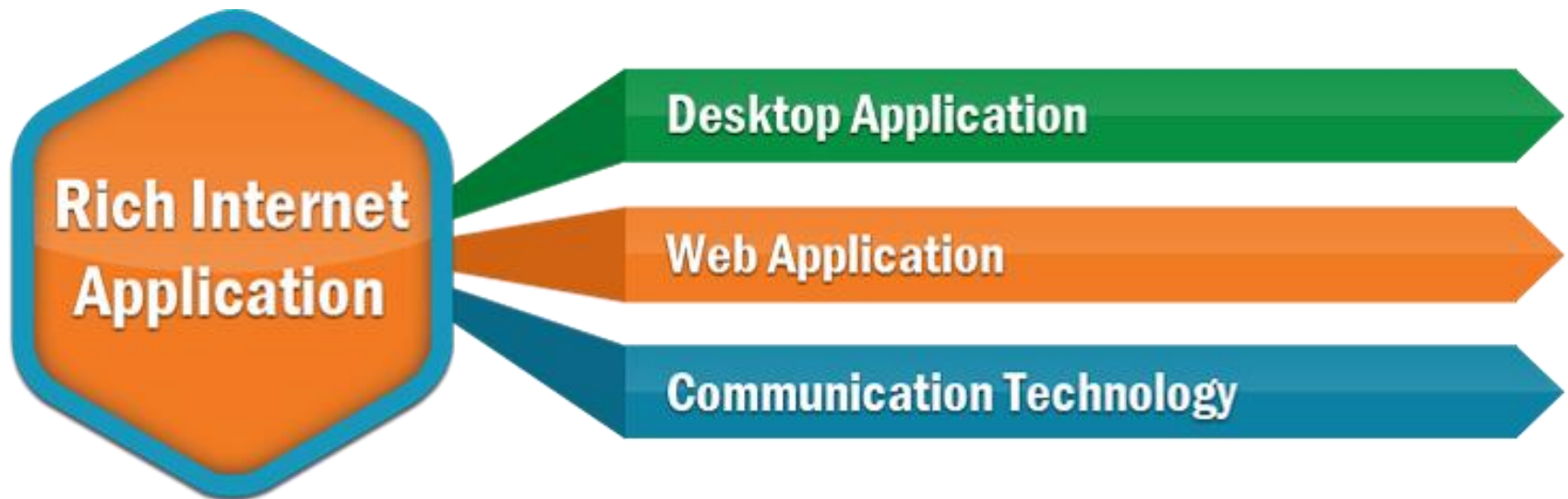
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Motivation: Rich Internet Applications



Motivation: Rich Internet Applications



Motivation: Features of RIAs

- ▶ Rich Presentation
- ▶ Client Data
- ▶ Client Business Logic
- ▶ Asynchronous Communication

Problem

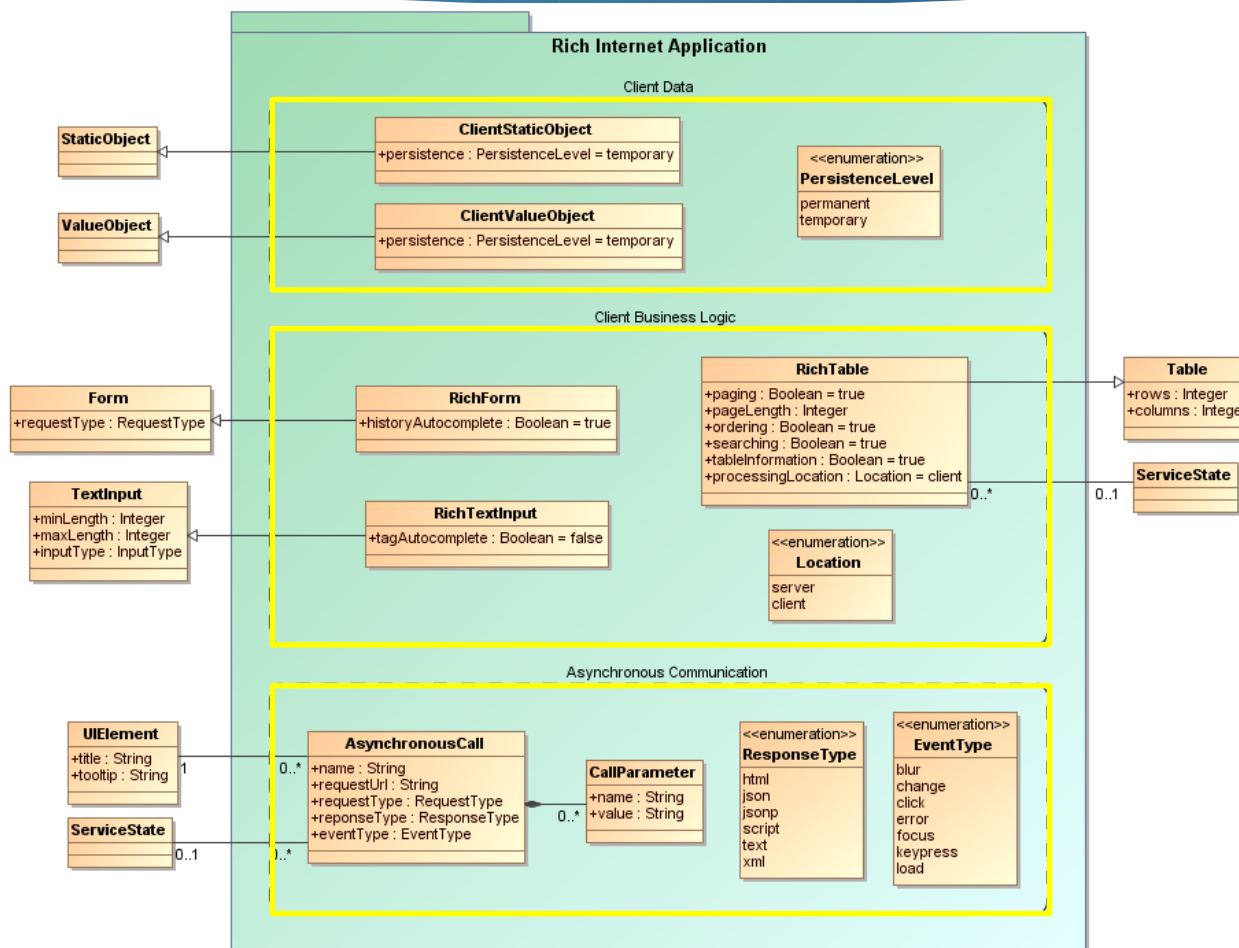
The Need to provide a solution that eases the development of RIAs

Criteria	2006-2010	2013-2016	Proposal
<ul style="list-style-type: none">Client DataClient Business LogicAsynchronous Communication	✓	✗	✓
Scripting-based Technologies	✗	✓	✓
MDA	✗	✓	✓

Proposal: Development Process



Proposal: Extension of MoWebA RIAs ASM



Proposal: Example

package Controlar Marcaciones [Controlar Marcaciones]

```

Controlar Marcaciones.js
1 $(document).ready(function() {
2   $('#Marcaciones').DataTable({
3     "paging": true,
4     "pageLength": 15,
5     "ordering": true,
6     "searching": true,
7     "info": true,
8     "serverSide": false,
9     "ajax": "/ria/servicios/Obtener_Marcaciones.php"
10  });
11 });
12

```

Controlar Marcaciones

Show 10 entries

Search:

Empleado	Tipo de Marcacion	Fecha y Hora
rgaleano	Entrada	2016-08-15 08:02:00
rgaleano	Salida	2016-08-15 17:01:00
rgaleano	Entrada	2016-08-16 07:57:00
rgaleano	Salida	2016-08-16 17:00:00
rgaleano	Entrada	2016-08-17 08:07:00
rgaleano	Salida	2016-08-17 16:55:00
ranteta	Entrada	2016-08-15 08:02:00
ranteta	Salida	2016-08-15 17:01:00
ranteta	Entrada	2016-08-16 07:57:00
ranteta	Salida	2016-08-16 17:00:00

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¡Thanks!

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