

canoo

› your provider for business web solutions ›



RIASUITE

› canoo ›

Desktop-Feeling garantiert -

Wie Ihre Web-Applikation alle Erwartungen erfüllt!

Basel, 06.04.2011

Welcome

Daniel Grob
und
Andreas Henle

Canoo Engineering AG, Basel

Rich Internet Applications

Products, Projects, Consulting

www.canoo.com

CREDIT SUISSE



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trivadis
makes IT easier. ■ ■ ■

JUG'S

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ADINOVUM

: inventage

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innovation process technology

 **COMIT**

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CREALOGIX 

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Creation. Technology. Intelligence.

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zühlke
empowering ideas

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Content

- ◎ RIA Suite overview
- ◎ User Interface Samples
- ◎ Ria Suite internals
- ◎ Live demo
- ◎ Questions & Answers

Ria Suite overview

1

All the benefits of **web** applications

Simple deployment as *.war file

Application independent „browser“

2

The capabilities of **desktop** applications

Everything that JavaSE can do.

3

Proven technology for **enterprise** applications

100% pure Java

Server-side programming model

Client-side visualization

www.canoo.com/ulc

„ULC on Grails“ the award-winning architecture

100% pure Java

Server-side programming model

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„ULC on Grails“ the award-winning architecture



Heterogeneous RIA-Technologies (most notably AJAX)

Java
CSS
DHTML Scriptaculous
Firefox HTML Chrome
Safari Components
JavaScript XML
Internet Explorer

Canoo RIA Suite

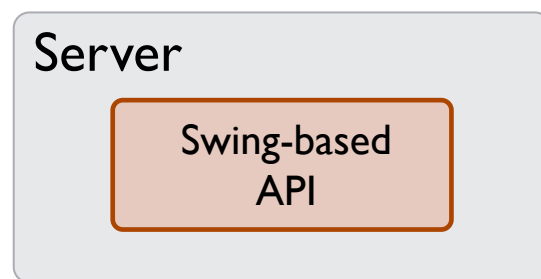
Java

ULC Core in a Nutshell

A UI component library for efficient development of
Rich Internet Applications (RIA).

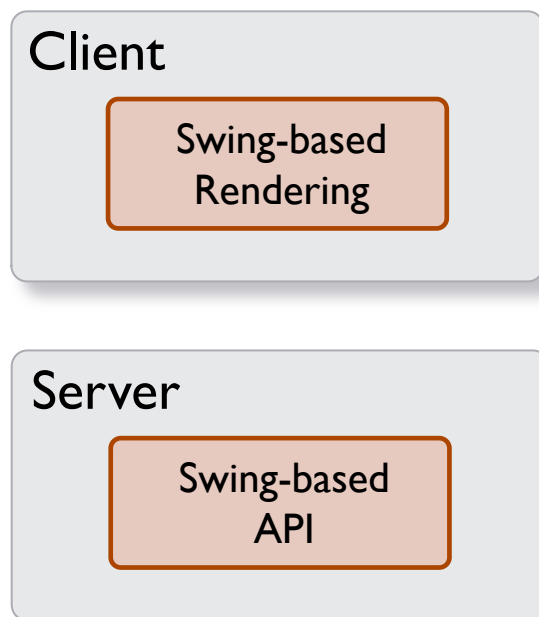
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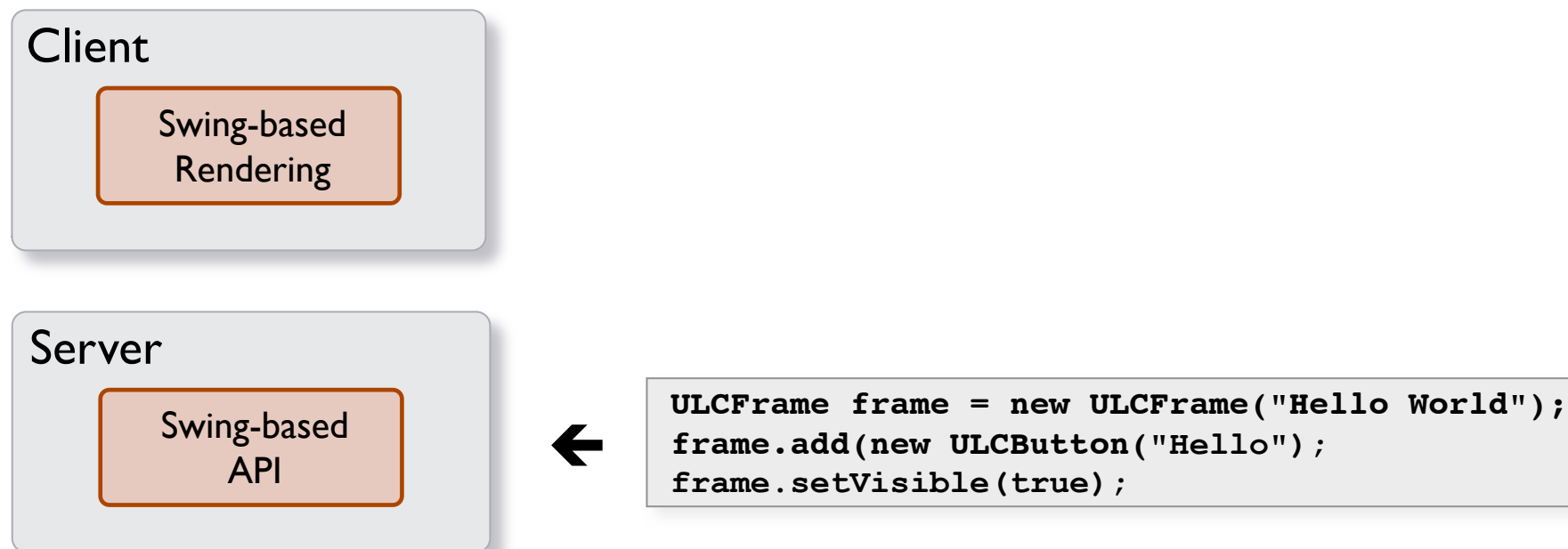
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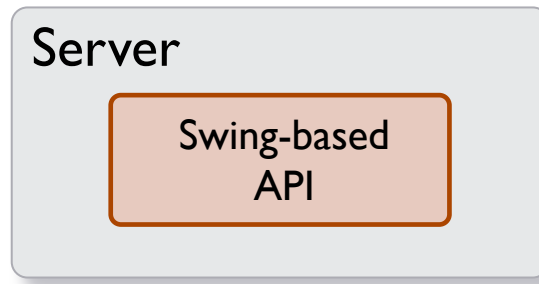
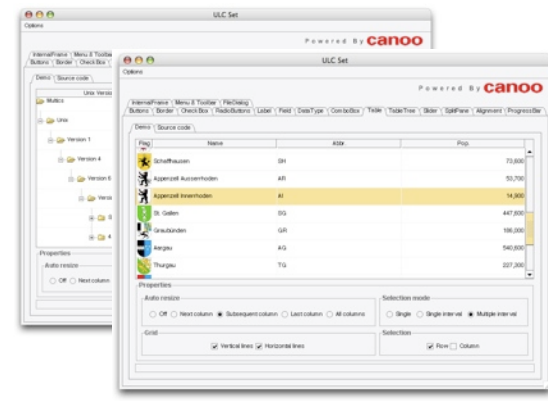
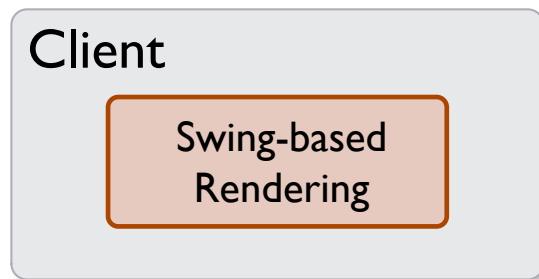
ULC Core in a Nutshell

A UI component library for efficient development of Rich Internet Applications (RIA).



ULC Core in a Nutshell

A UI component library for efficient development of Rich Internet Applications (RIA).



```
ULCFrame frame = new ULCFrame("Hello World");
frame.add(new ULCButton("Hello"));
frame.setVisible(true);
```

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User Interface samples

Swing ???

Client: localhost:4545

Filters Columns

Log Size: 192 Elapsed: 00:04.842

Severity	T	Timestamp	Source	Message
Fatal	<input checked="" type="checkbox"/>	05:25:39.405	Olorem	Ysit amet lorem lorem.
Error	<input checked="" type="checkbox"/>	05:25:38.903	Olorem	Ylorem amet sit amet.
Fatal	<input checked="" type="checkbox"/>	05:25:38.583	Oipsum	Yamet sit lorem amet.
Fatal	<input checked="" type="checkbox"/>	05:25:38.402	Oamet	Ylorem ipsum sit sit.
Fatal	<input checked="" type="checkbox"/>	05:25:38.081	Olorem	Yamet amet sit amet.
Error	<input checked="" type="checkbox"/>	05:25:37.898	Oamet	Yipsum dolor dolor dolor.
Fatal	<input checked="" type="checkbox"/>	05:25:37.075	Osit	Yipsum lorem dolor dolor.
Fatal	<input checked="" type="checkbox"/>	05:25:34.563	Odolor	Ydolor sit amet sit.
Error	<input checked="" type="checkbox"/>	05:25:34.061	Odolor	Ydolor sit lorem dolor.
Fatal	<input checked="" type="checkbox"/>	05:25:33.377	Oamet	Yamet amet lorem amet.
Error	<input checked="" type="checkbox"/>	05:25:32.555	Olorem	Ylorem amet sit amet.

Node Tree: root

Regex

Source: ipsum.lorem.lorem.Olorem

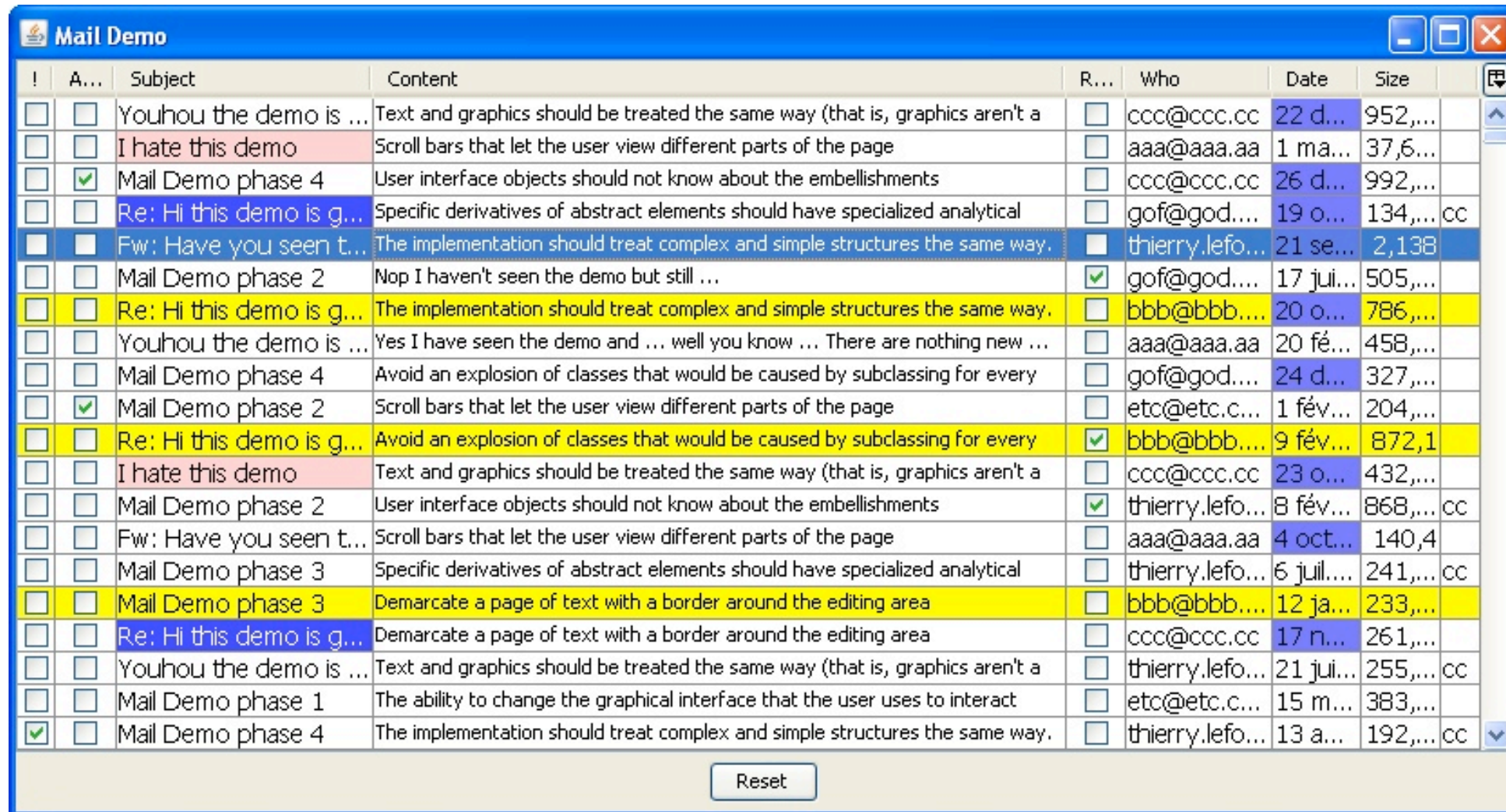
Severity: Error

Message: Ylorem amet sit amet.

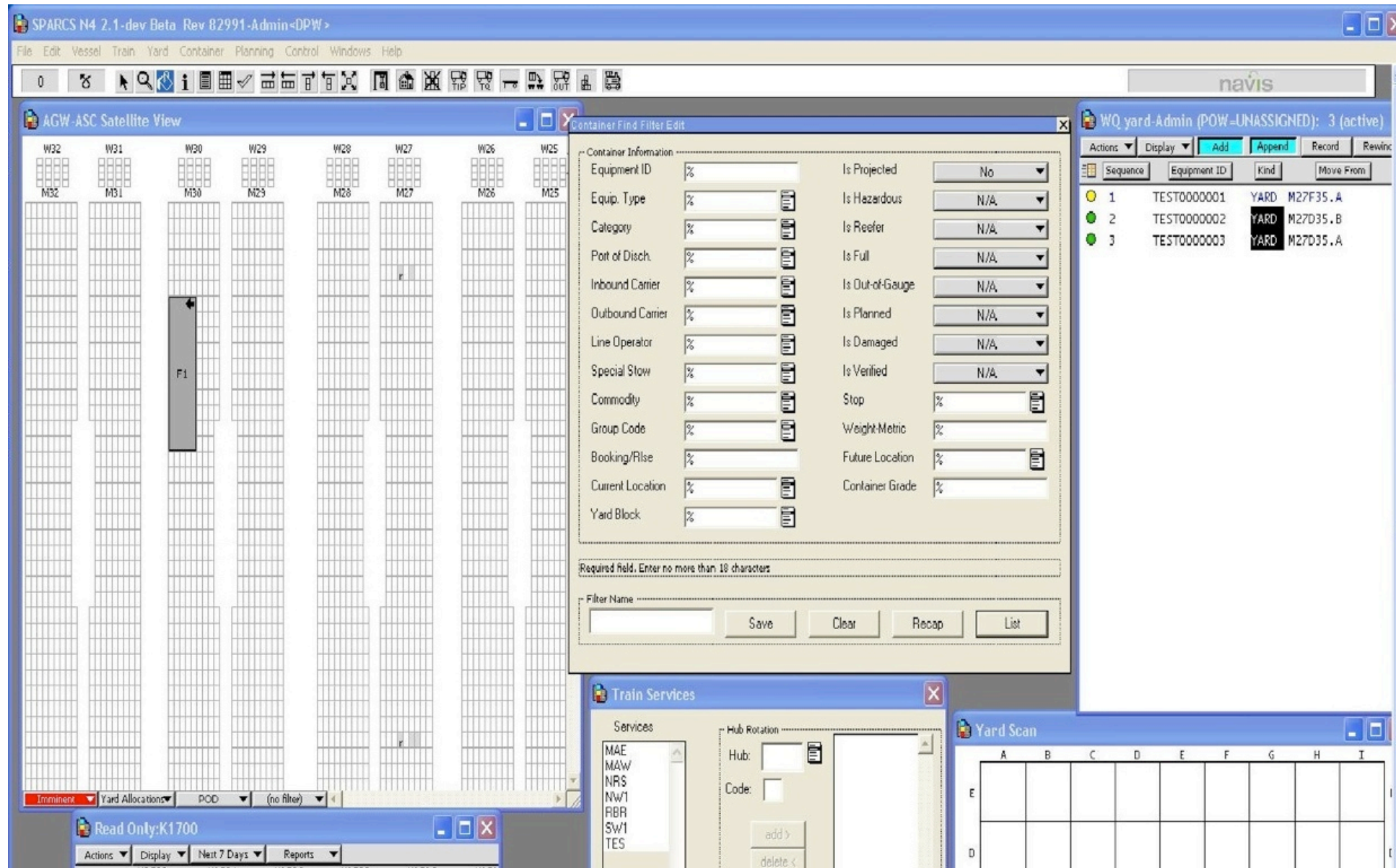
Stack Trace: java.lang.Exception

Listener Status: Connected Type: Client Host: localhost Port: 4545

Swing ???



Swing ???



ECN4 -- local -.0

File Carina Diagnostics ECN4 Diagnostics Cache Entities Windows Help

Users Settings

Actions Display

ESB

Id	Raw Id	Value	Scope
ESBGATEWAY_CONFIG001	GATEWAY_URL	tcp://localhost:61222	scope.name.1 Defines remote gateway url.
ESBJMS_CONFIG001	WEBLOGIC_SERVER_URL	t3://localhost:7001	scope.name.1 Weblogic JMS server URL.
ESBJMS_CONFIG002	JMS_BATCH_QUEUE_POOLING_FREQUENCY	1	scope.name.1 Pooling frequency of external low
ESBJMS_CONFIG005	FAILOVER_RETRY_COUNT	10	scope.name.1 Number of retries to re-establish
ESBJMS_CONFIG006	FAILOVER_RETRY_FREQUENCY	10000	scope.name.1 Number of milliseconds to retry t
ESBPOOLING_PROFILE001	MAX_ACTIVE	50	scope.name.1 Controls the maximum number c
ESBPOOLING_PROFILE002	MAX_IDLE	5	scope.name.1 Controls the maximum number c
ESBPOOLING_PROFILE003	MAX_WAIT	4000	scope.name.1 Specifies the number of milliseco
ESBPOOLING_PROFILE004	POOL_EXHAUSTED_ACTION	2	scope.name.1 WHEN_EXHAUSTED_FAIL (0) - TH
ESBPOOLING_PROFILE005	INITIALISATION_POLICY	1	scope.name.1 POOL_INIT_NO_COMPONENT (0)
ESBQUEUE_PROFILE001	MAX_OUTSTANDING_MESSAGES	1000	scope.name.1 Defines the maximum number of
ESBQUEUE_PROFILE002	PERSISTENCE_STRATEGY	false	scope.name.1 A persistence strategy defines th
ESBSERVER_CONFIG001	SERVER_URL	tcp://localhost:61200	scope.name.1 This is the url used by the admin
ESBSERVER_CONFIG002	WORKING_DIRECTORY		scope.name.1 The directory where ESB server c
ESBSERVER_CONFIG003	RECOVERABLE_MODE	false	scope.name.1 Determines whether the ESB inte
ESBSERVER_CONFIG004	START_ADMIN_SERVER	false	scope.name.1 A flag to start the admin server u
ESBTHREADING_PROFILE001	MAX_THREADS_ACTIVE	25	scope.name.1 Controls the maximum number c
ESBTHREADING_PROFILE002	MAX_THREADS_IDLE	10	scope.name.1 Controls the maximum number t
ESBTHREADING_PROFILE003	MAX_THREADS_BUFFER_SIZE	10	scope.name.1 Determines how many requests i
ESBTHREADING_PROFILE004	THREADPOOL_EXHAUSTED_ACTION	4	scope.name.1 (0) - Wait until a thread become

0:20:60

admin (GLOBAL)

navis SPARCSN4

ultra light client

search >>

PRODUCT CATEGORIES

- ▼ PC/Server/Workstation
 - ▶ PCs
 - ▶ Workstations
 - ▶ Thin Clients
 - ▶ Servers
 - ▶ Uninterruptible Power Supl
- ▶ Mobile Computing
- ▶ Peripherals
- ▶ Digital Printing Solutions
- ▶ System Components
- ▶ Storage
- ▶ Software
- ▶ **Network Components**
- ▶ Connectivity
- ▶ Office Supplies
- ▶ Storage Media
- ▶ Presentation Equipment
- ▶ IT and Office Accessories
- ▶ Furniture and Safes
- ▶ Telecommunications

PRODUCT LIST

Show Products in all Subcategories
 Products: 521

Brand	Name	CHF	Availability
Cisco	Cisco Catalyst 3550 12-port MultilayerSw	10,807.00	■■■
Allied	Media Converter RJ45/Fibre, Ext Power Supply	205.00	■■■
3com	3COM OfficeConnect 10/100 PC-Card	88.10	■
NetGear	NETGEAR Fast Ethernet Switch FS518T	1,142.00	■
HP Business Partner	HP ProCurve Switch 2324 24x10/100	779.00	■■
Cisco	Cisco Catalyst 3550 10+2-Port	10,979.00	■■
Xircom	Xircom CreditCard ISDN Adapter	255.00	■
Madge	Olicom Switch Stacker Unit	1,099.00	■
Allied	Redundant Power Supply	427.00	■
Allied	Allied Telesyn Mains Adapter AT-PWR4	221.00	■
Allied	ATI Dual Speed Switch 16 Port	788.00	■

PRODUCT DETAILS

No product selected.

SHOPPING CART

1 Product

2,296.00 CHF >>

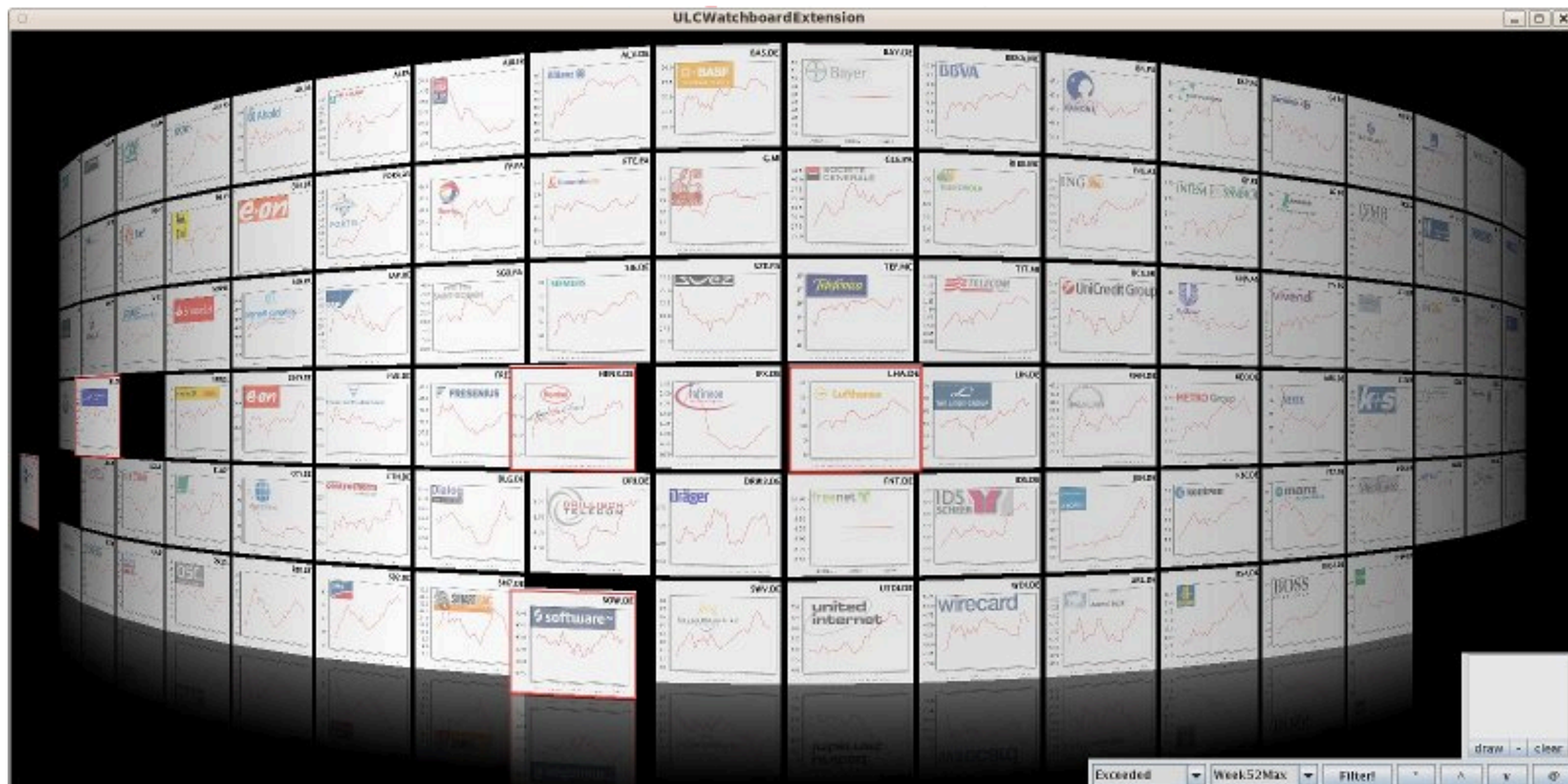
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u CATS - Canoo Tippspiel
- x

canoo TIPP!
HOME
TIPPEN
PUNKTESTAND
PROFIL
SPIELREGELN
LOGOUT

etienne

Anstoss	Heim	Gast	Ergebnis	Tipp Heim	Tipp Gast	Punkte
13.06.2010, 16.00 Uhr	Deutschland	Australien	- : -	:	:	0
13.06.2010, 20.30 Uhr	Serbien	Ghana	- : -	:	:	0
18.06.2010, 13.30 Uhr	Deutschland	Serbien	- : -	:	:	0
19.06.2010, 13.30 Uhr	Ghana	Australien	- : -	:	:	0
23.06.2010, 20.30 Uhr	Ghana	Deutschland	- : -	:	:	0
23.06.2010, 20.30 Uhr	Australien	Serbien	- : -	:	:	0



<http://www.canoo.com/ulc>

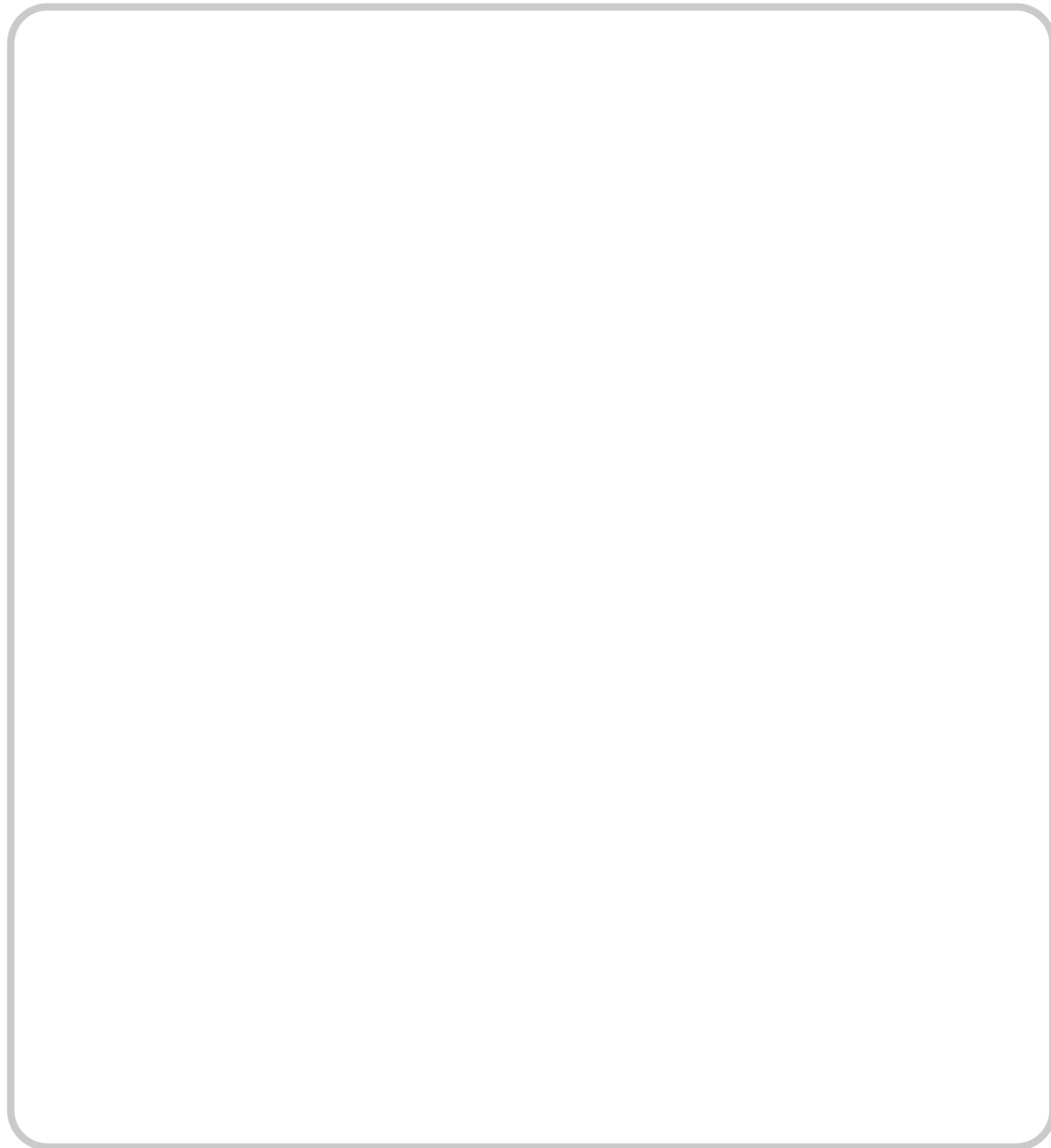


**Ria Suite
internals**

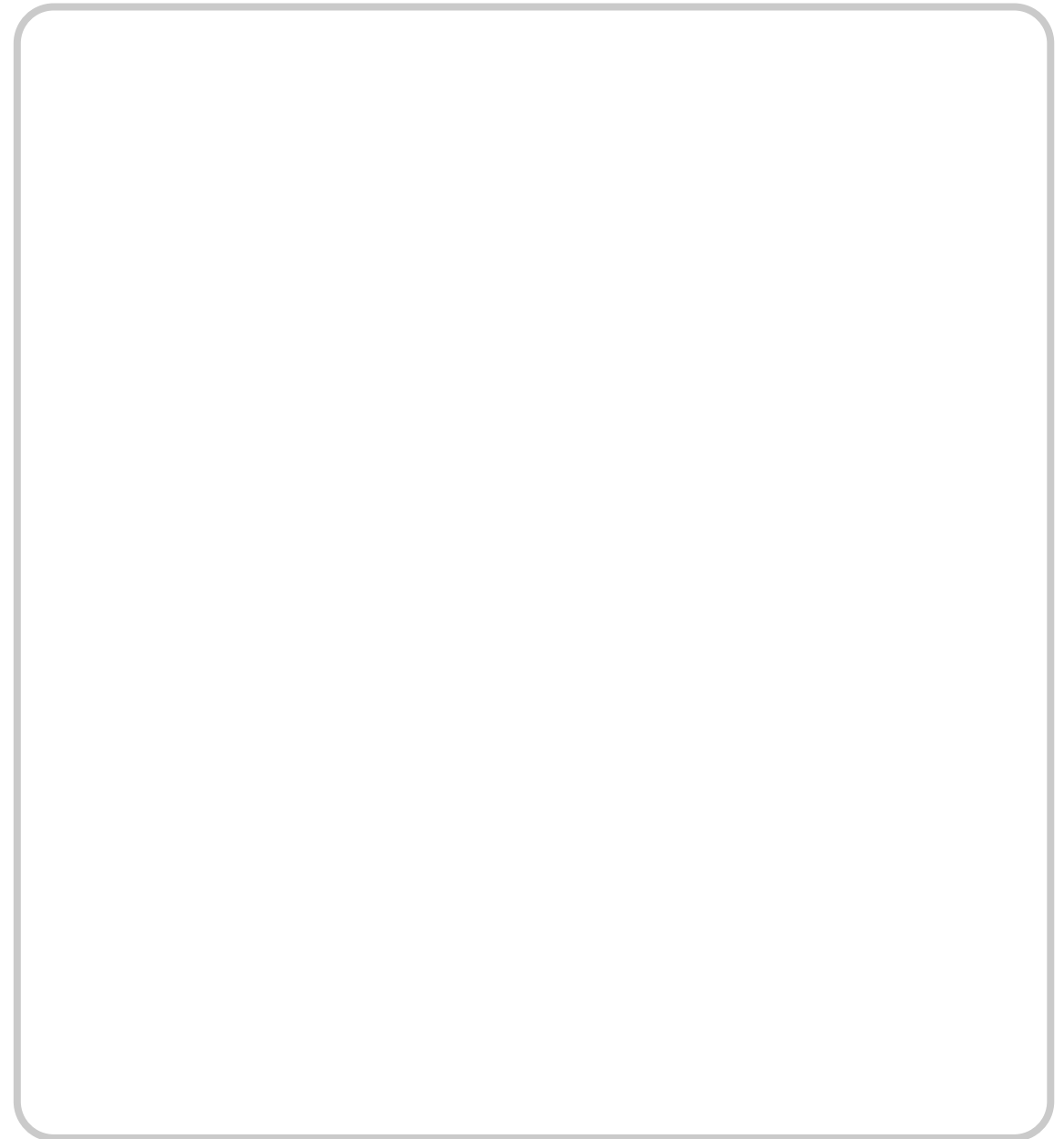
<http://www.canoo.com/ulc>

Half-Object & Protocol Pattern: solid engineering

Client



Server

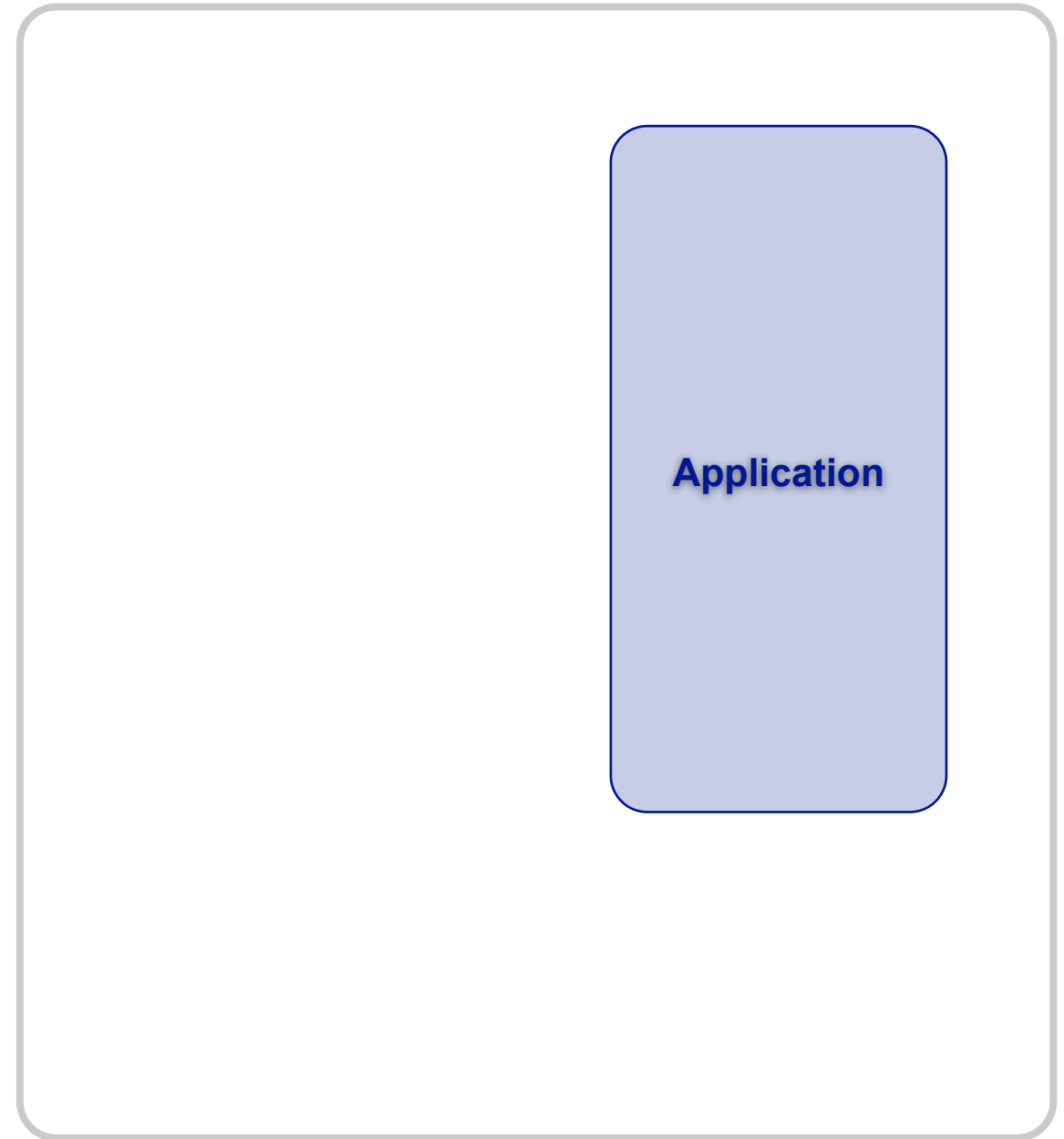


Half-Object & Protocol Pattern: solid engineering

Client



Server

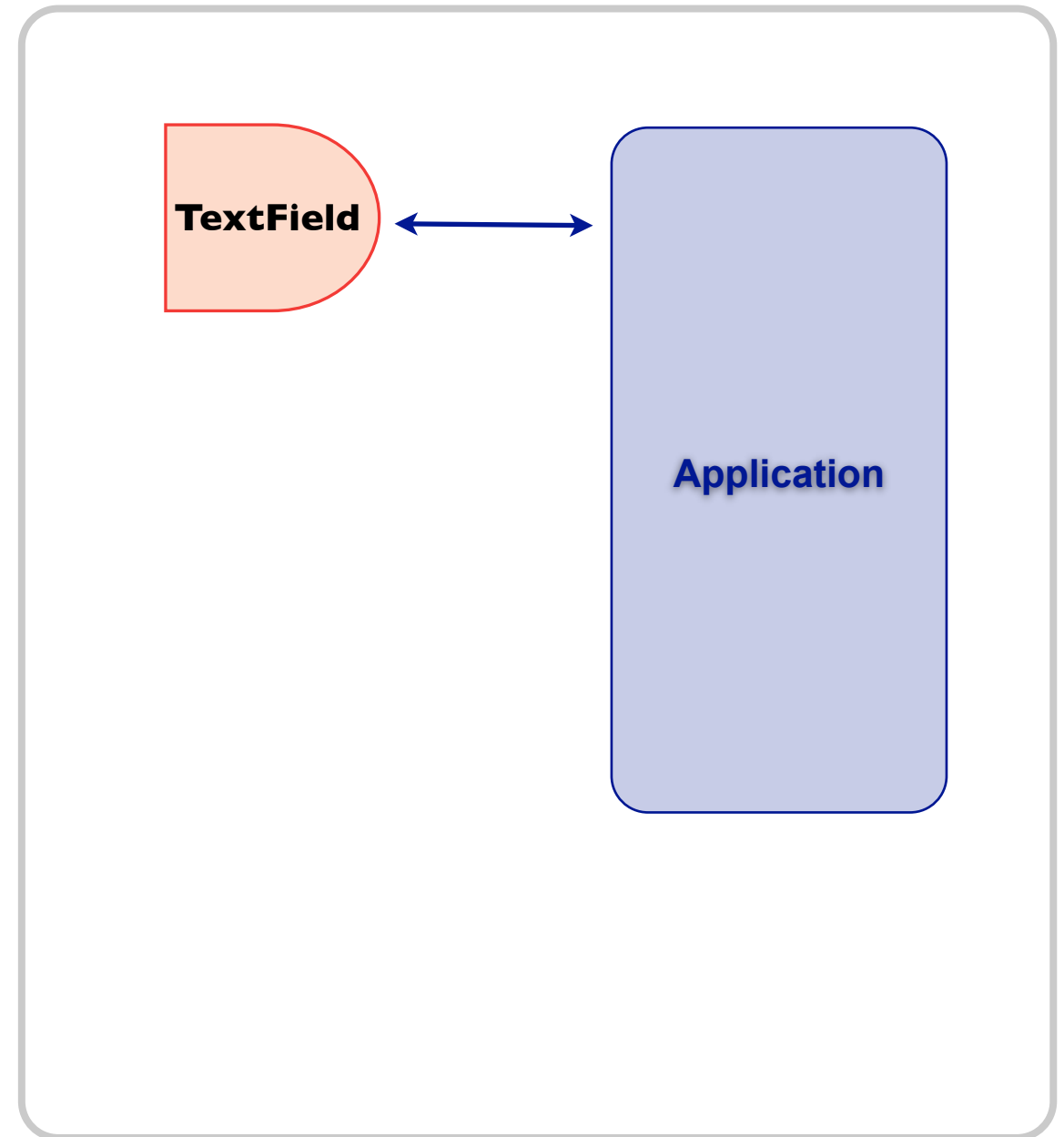


Half-Object & Protocol Pattern: solid engineering

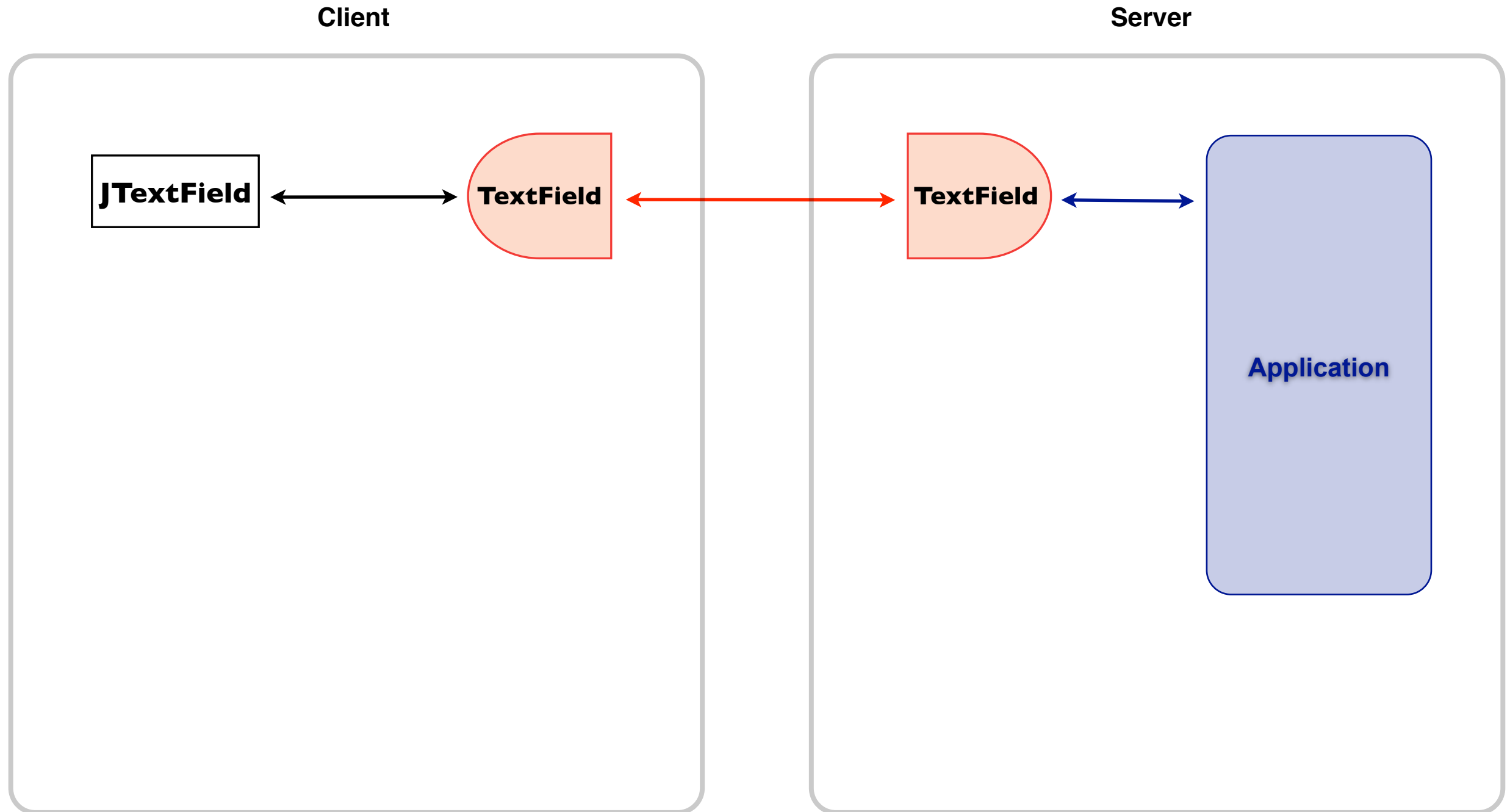
Client



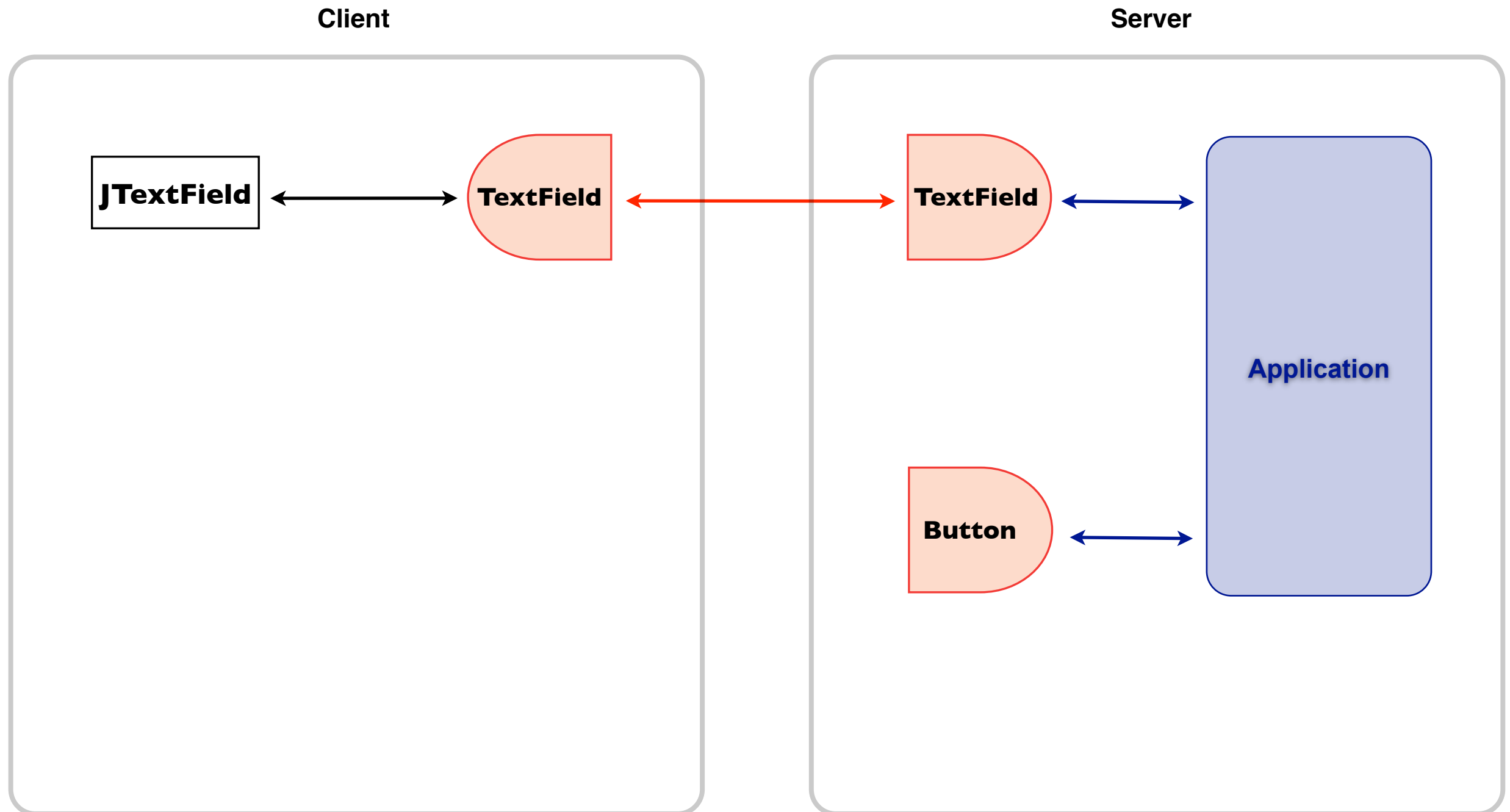
Server



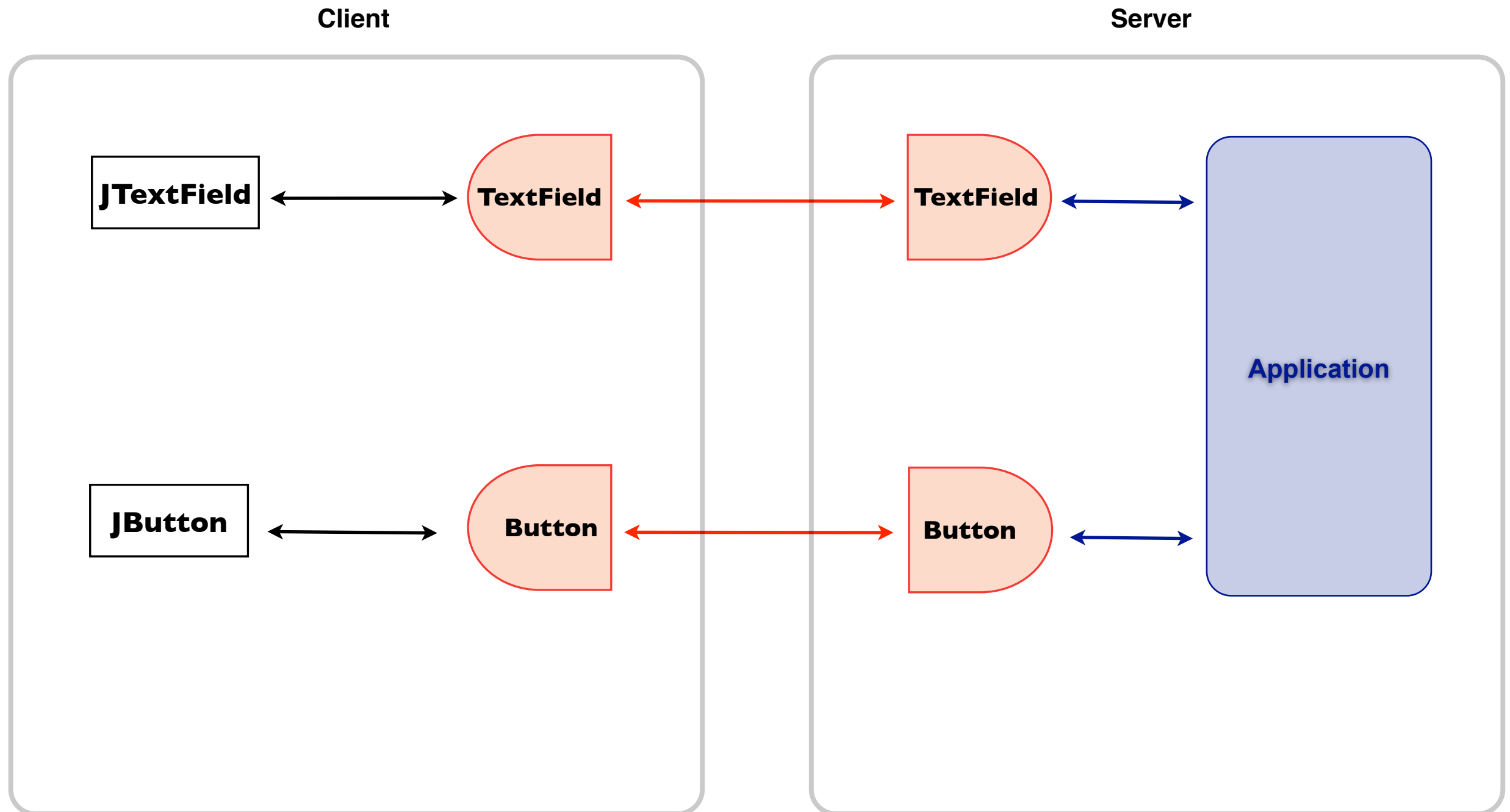
Half-Object & Protocol Pattern: solid engineering



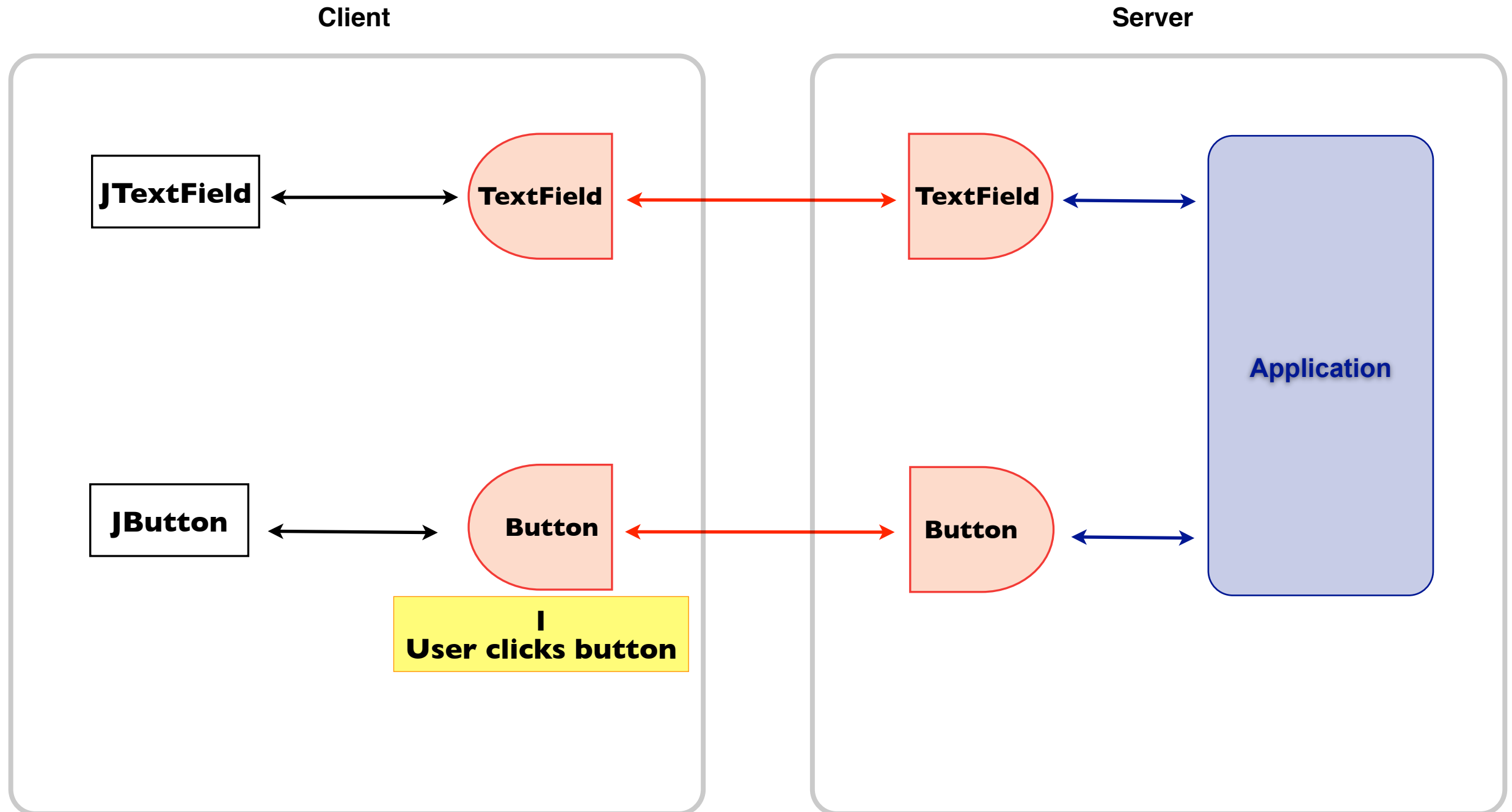
Half-Object & Protocol Pattern: solid engineering



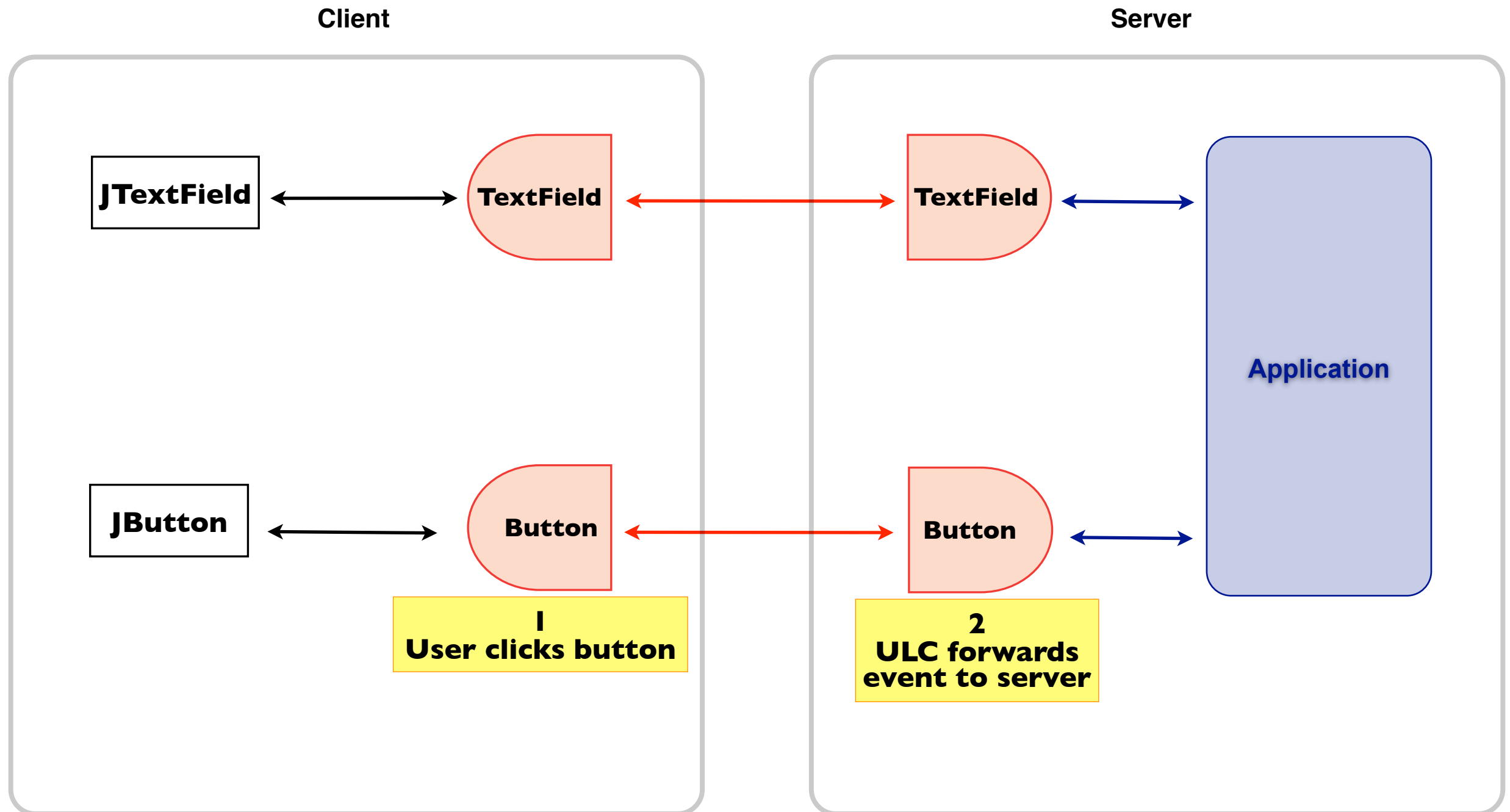
Half-Object & Protocol Pattern: solid engineering



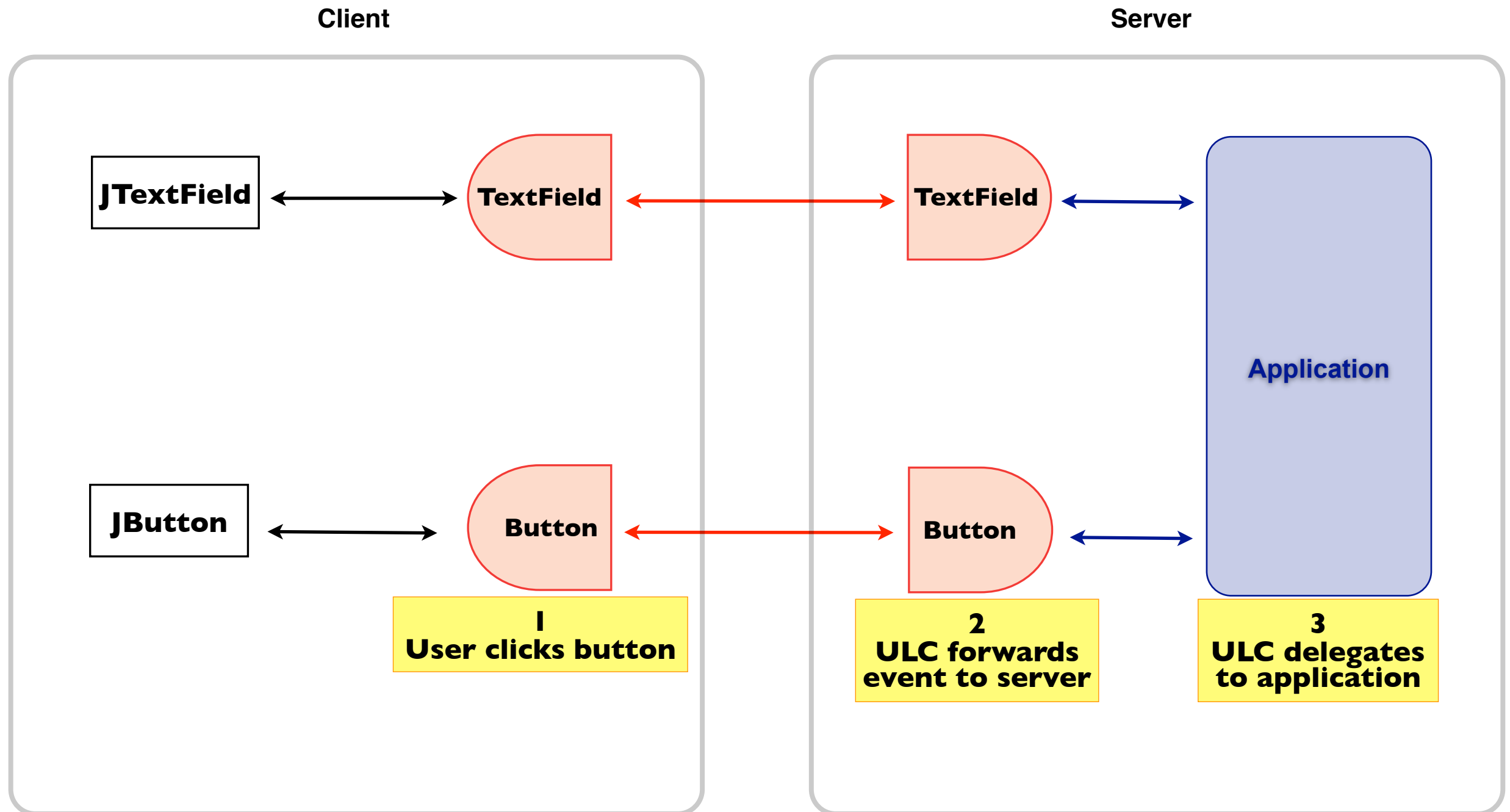
Half-Object & Protocol Pattern: solid engineering



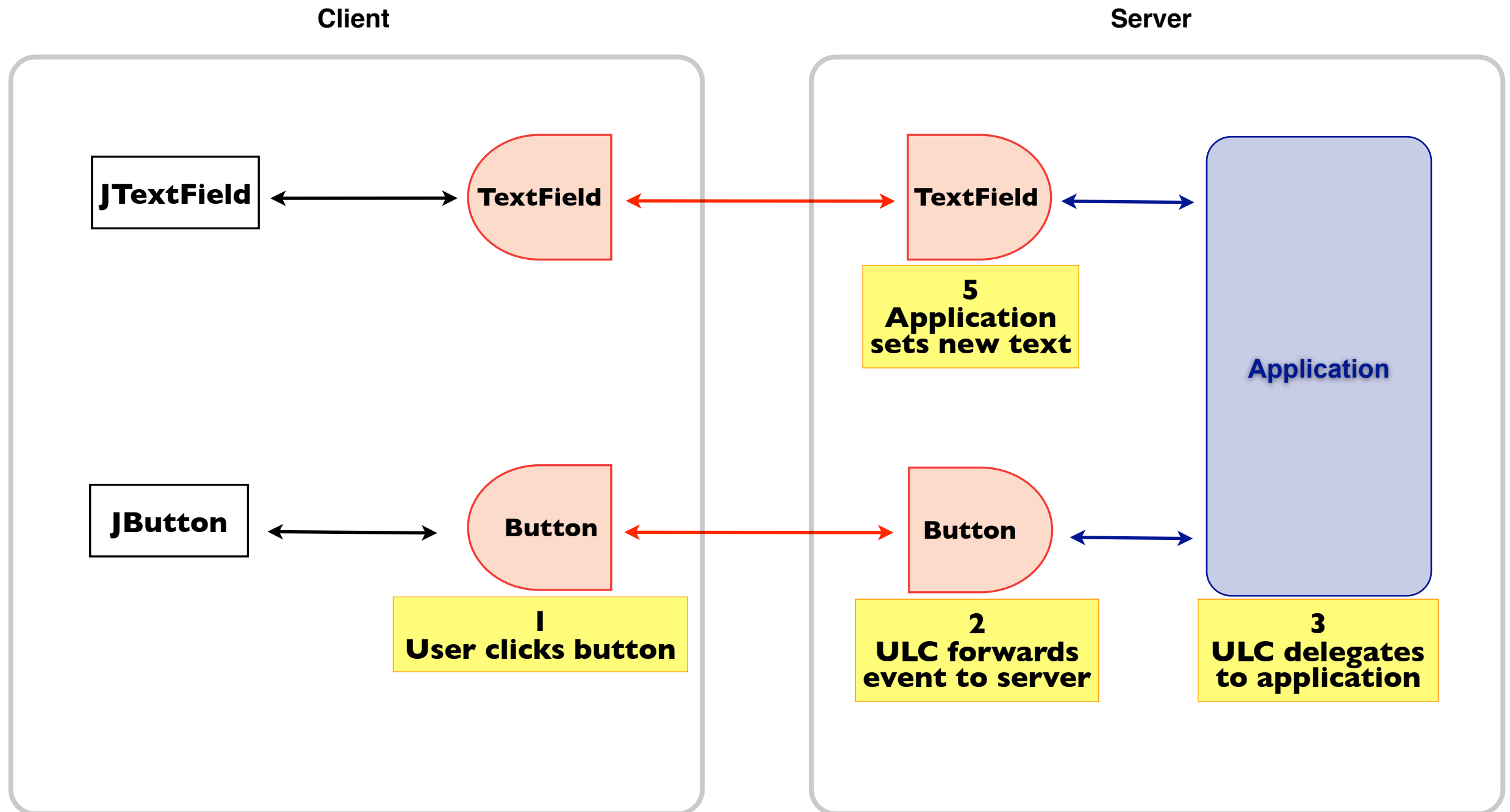
Half-Object & Protocol Pattern: solid engineering



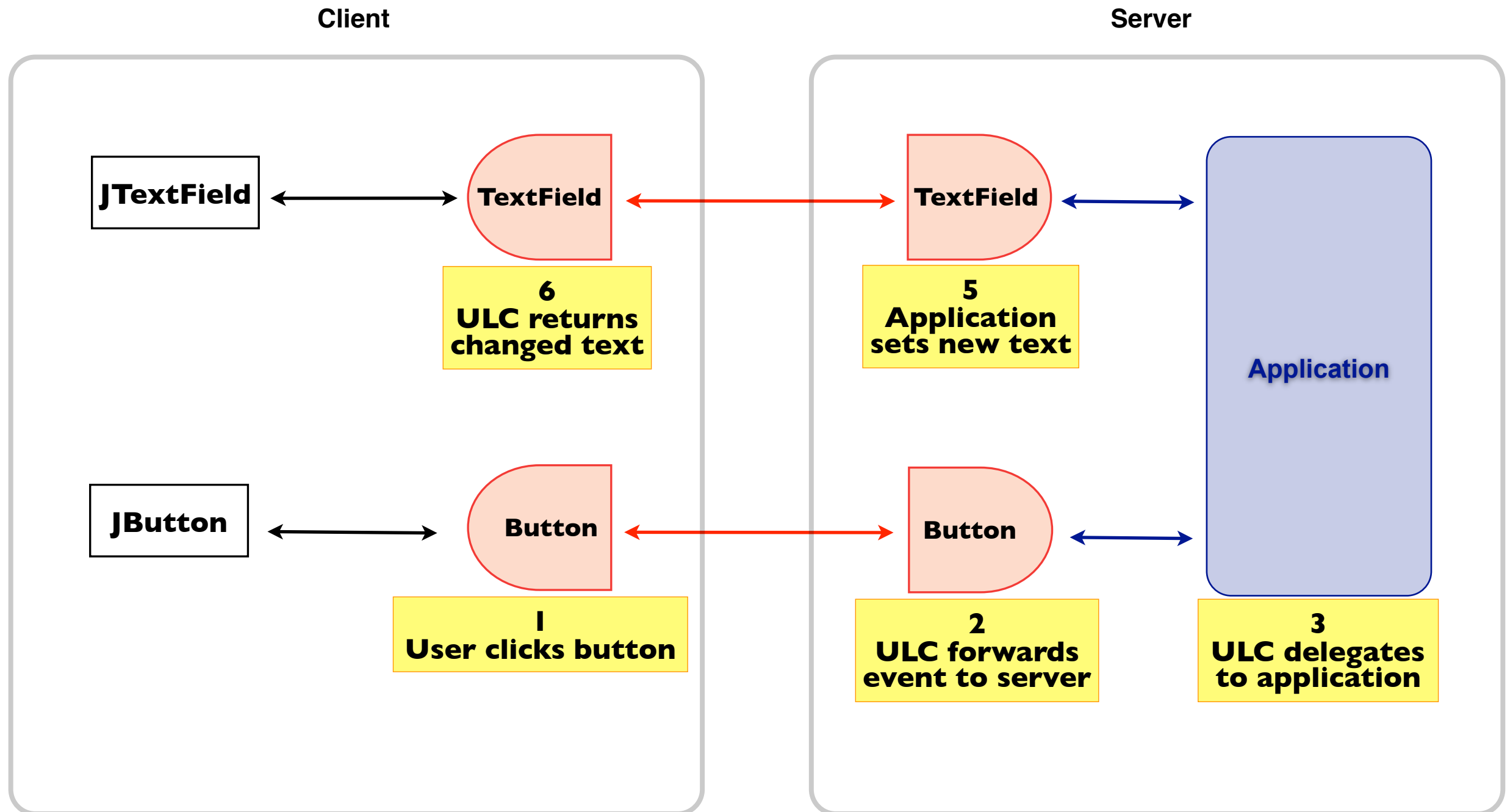
Half-Object & Protocol Pattern: solid engineering



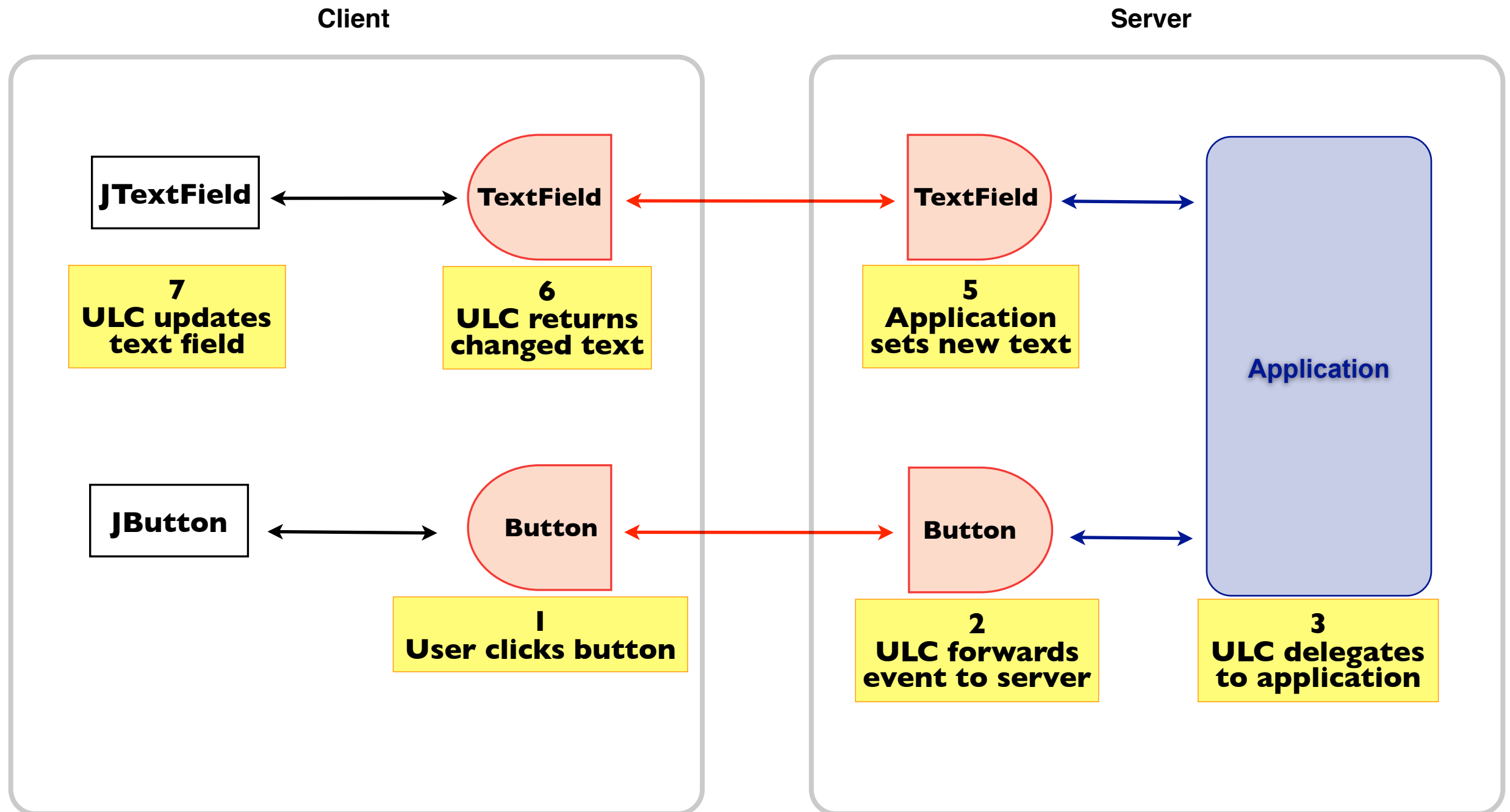
Half-Object & Protocol Pattern: solid engineering



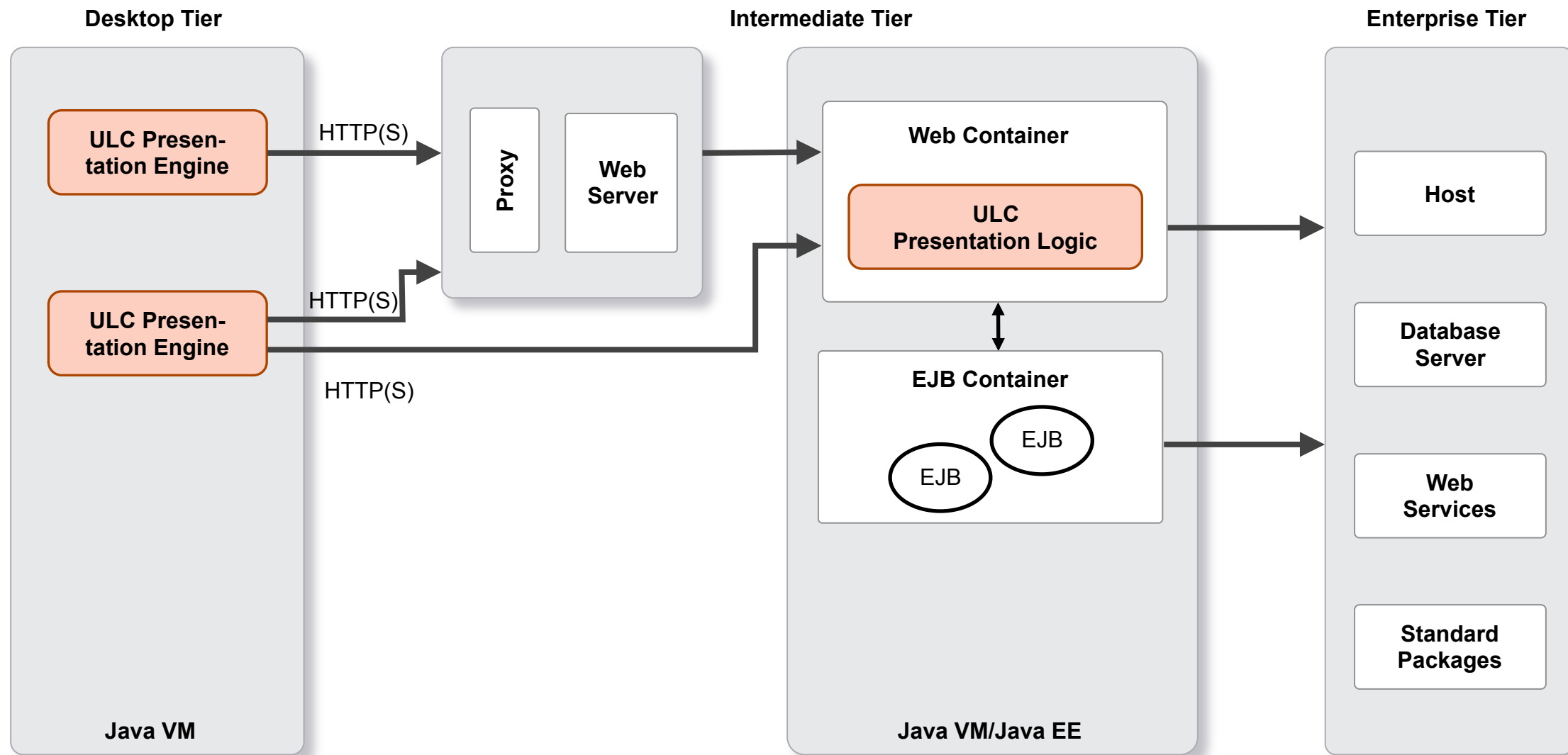
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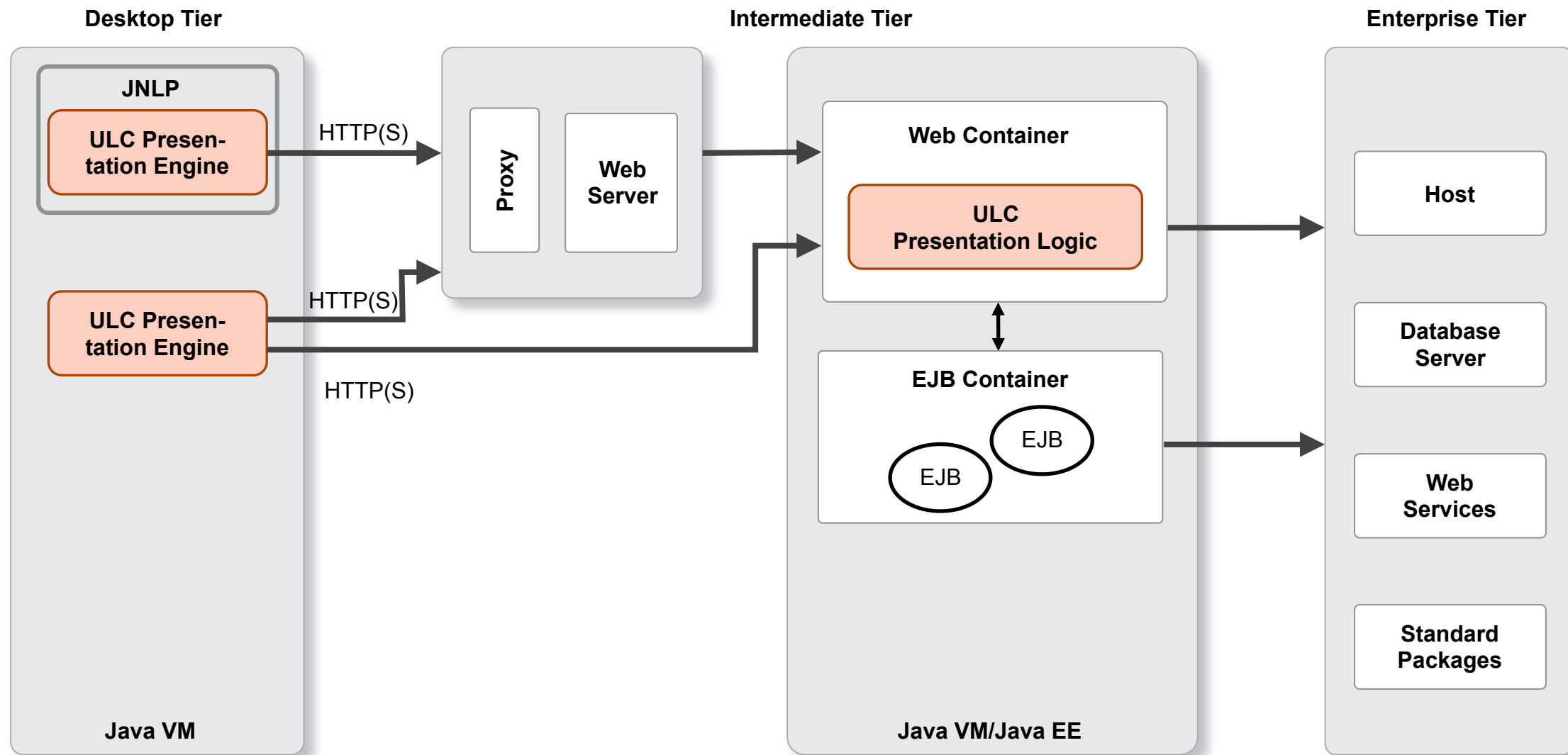
Half-Object & Protocol Pattern: solid engineering



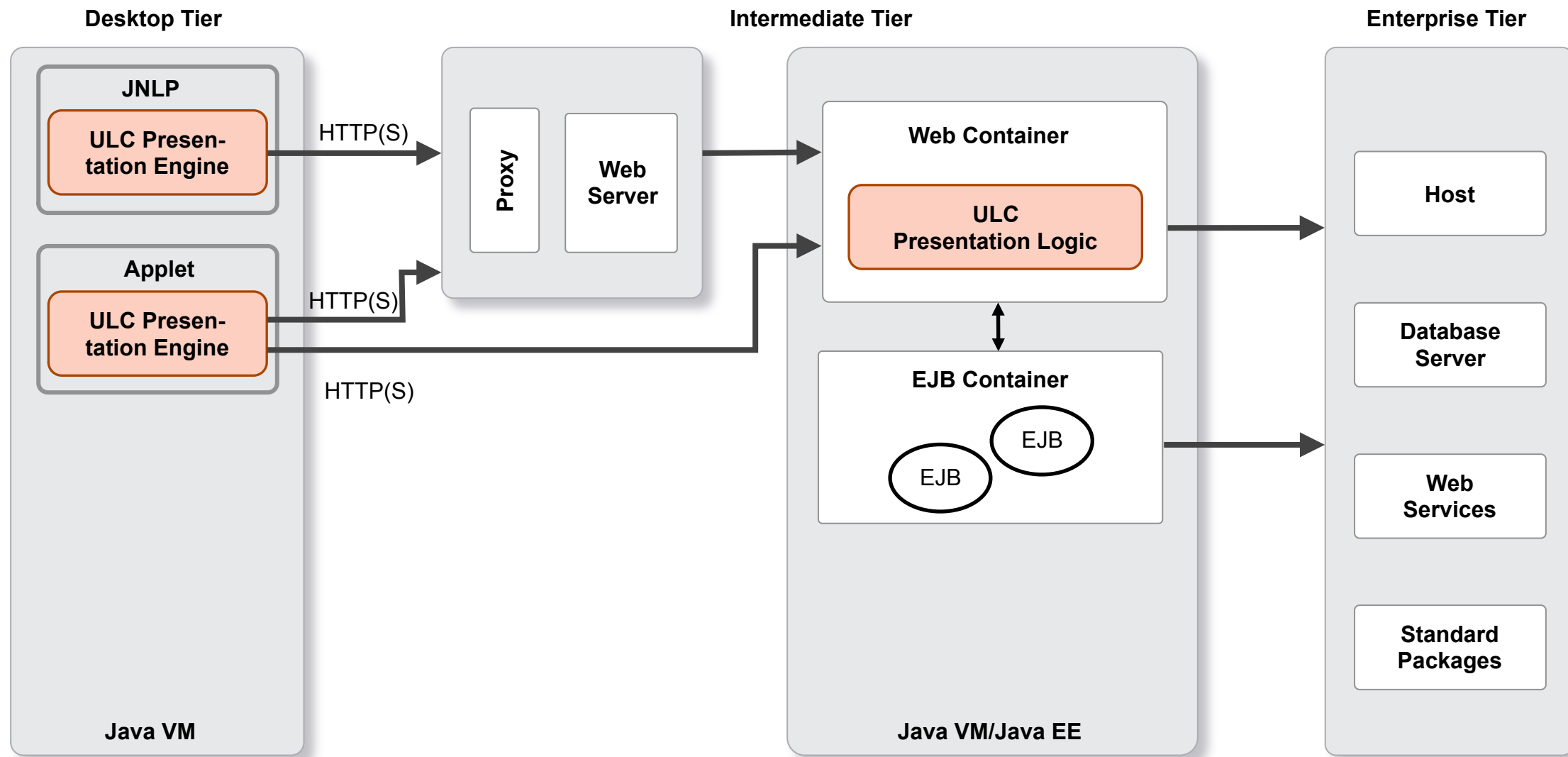
Deployment Options



Deployment Options



Deployment Options



ULC
TablePlus



ULC Web
Integration

ULC Office
Integration



ULC
Enterprise
Portal
Integration

ULC Visual
Editor



ULC
Load

Next steps

1visit www.canoo.com**2**

try the Canoo RIA Suite

3

come to the Canoo Lunch & Learn

4

“Share a Canooey”

<http://www.canoo.com/references/showcase/>



Live demo
small selection

<http://www.canoo.com/references/showcase/>