

# SPONSOREN – PLATIN / GOLD

**MIMACOM**

**canoo**

**IBM**

**trivadis**  
makes IT easier. ■ ■ ■

# SPONSOREN – SILBER

ADINOVUM

adesso | business.  
people.  
technology.

ergon

Business & Decision  
Expert in BI • CRM • e-Business • EIM & Consulting

 NOSERENGINEERING  
WE KNOW HOW

 ELCA

 bsi  
meet your clients

[ipt]  
driven by technology

netcetera

: inventage

itemis

CREDIT SUISSE 

 bbv  
Software Services AG

 PERFORCE  
Version everything.

CREDIT SUISSE 

PROFIDATA

 zühlke  
empowering ideas


Eclipse Zurich - Community - x Java User Group Switzerland: x  
https://plus.google.com/communities/103558137660089260183

Google+ Nach Personen, Seiten oder Beiträgen suchen Anmelden

Jetzt bei Google+ mitmachen Die richtigen Dinge mit den richtigen Menschen teilen

Communities

Eclipse Zurich



Öffentlich 76 Mitglieder

Community suchen

Mitglieder (76) Alle ansehen

Jérémie Bresson Diskussion - 20.11.2013 #EclipseCon

If you missed +Brian Fitzpatrick at #EclipseCon 2013, the video is now visible on YouTube. It was a really great #keynote... Since it was one of the images in mind (at work & at home) I would like to see more of the #keynotes in the future...

+Eclipse: I would like to see more of the #keynotes in the future...

Opening Session && Keynote: S

Über diese Community

Eclipse Zurich - Community - x Java User Group Switzerland: x  
www.jug.ch/sigs.php?sig=1

# 822

UNIQUE VISITORS REGISTERED FOR OUR EVENTS IN 2013 UNTIL TODAY

SIGS

**SIG**  
SWISS ECLIPSE USER GROUP

**Swiss Eclipse User Group**

- Swiss JBoss User Group
- Swiss RIA
- Swiss Spring User Group

**Mission**

The "Swiss Eclipse User Group" is a special interest group of the Java Users Group Switzerland (jug.ch). The existing "Eclipse RCP" SIG is extended and renamed into Swiss Eclipse User Group, to address all aspects of the Eclipse universe.

The SIG promotes the application of Eclipse technologies and helps to grow the personal networks of interested members.

This is achieved through the organisation of regular Eclipse related presentations and events. To meet other interested individuals, get together opportunities are following both presentations and events.



# Hitchhiker's Guide to Eclipse Scout

Matthias Zimmermann, Andreas Hoegger  
BSI Business Systems Integration AG

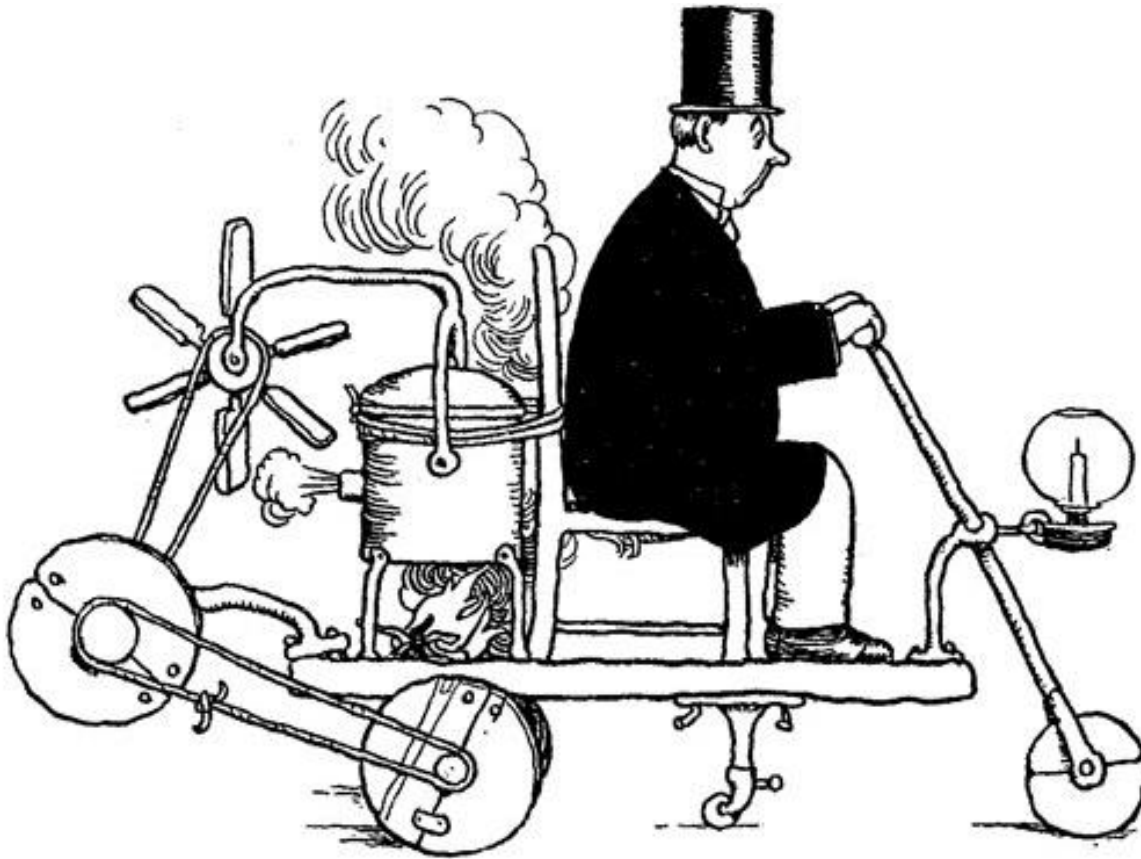


The background of the image is a deep space scene featuring a galaxy with a prominent, bright, yellowish-white central core. The galaxy's structure is elongated and appears to have a complex, possibly irregular shape, with a dense concentration of stars and dust. The surrounding space is filled with numerous individual stars of varying colors, including white, blue, and yellow, scattered across the dark cosmic void. The overall lighting is dominated by the bright core of the galaxy, which creates a strong contrast against the dark background.

Want to move around?

# Build your own Thing?

Complex, Expensive, Legacy in 2020



## Or just use a Taxi?

Simple, Cheap, Up-to-date in 2020







Eclipse Scout is  
your Taxi

# Eclipse Scout

- Framework for **Business Applications**
- Based on **Java/Eclipse** platform
- **Multi Frontend** (Mobile, Web, Desktop)
- Open Source



# Eclipse Scout

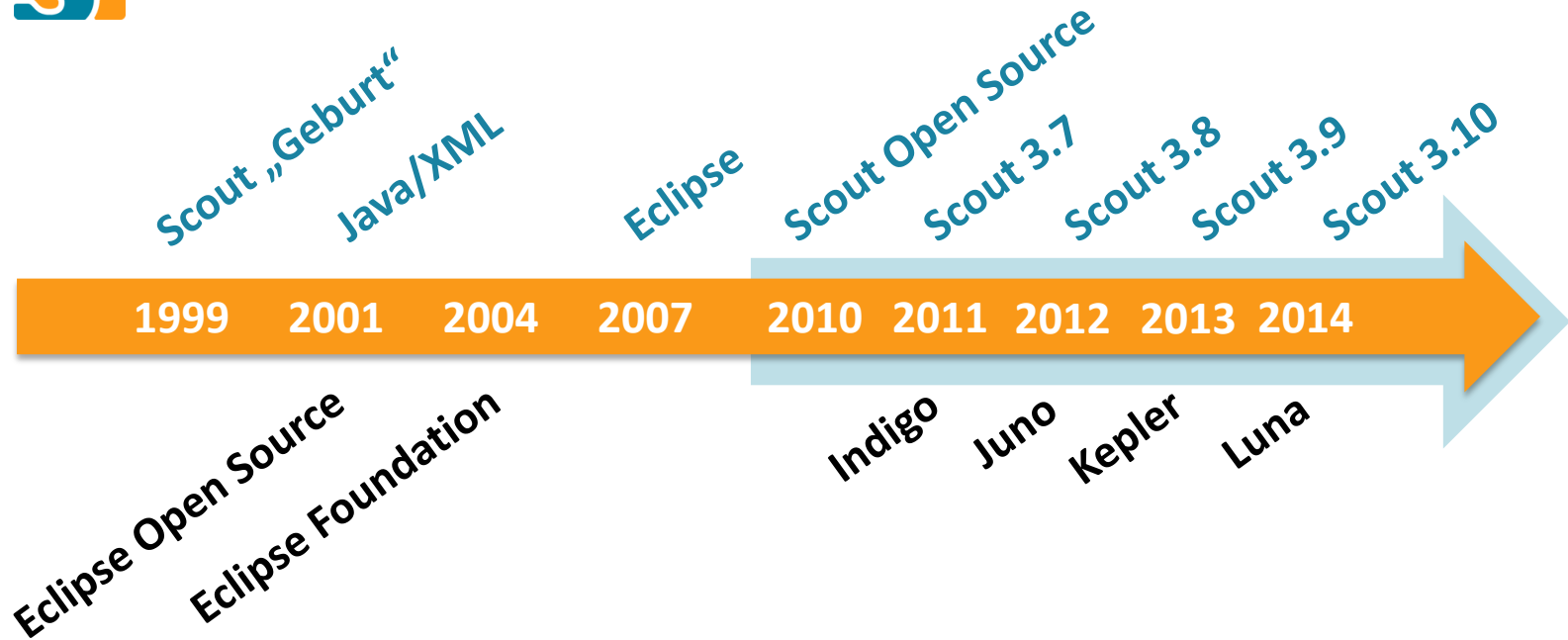
- Framework for **Business Applications**
- Based on **Java/Eclipse** platform
- **Multi Frontend** (Mobile, Web, Desktop)
- Open Source

## Scout Goals

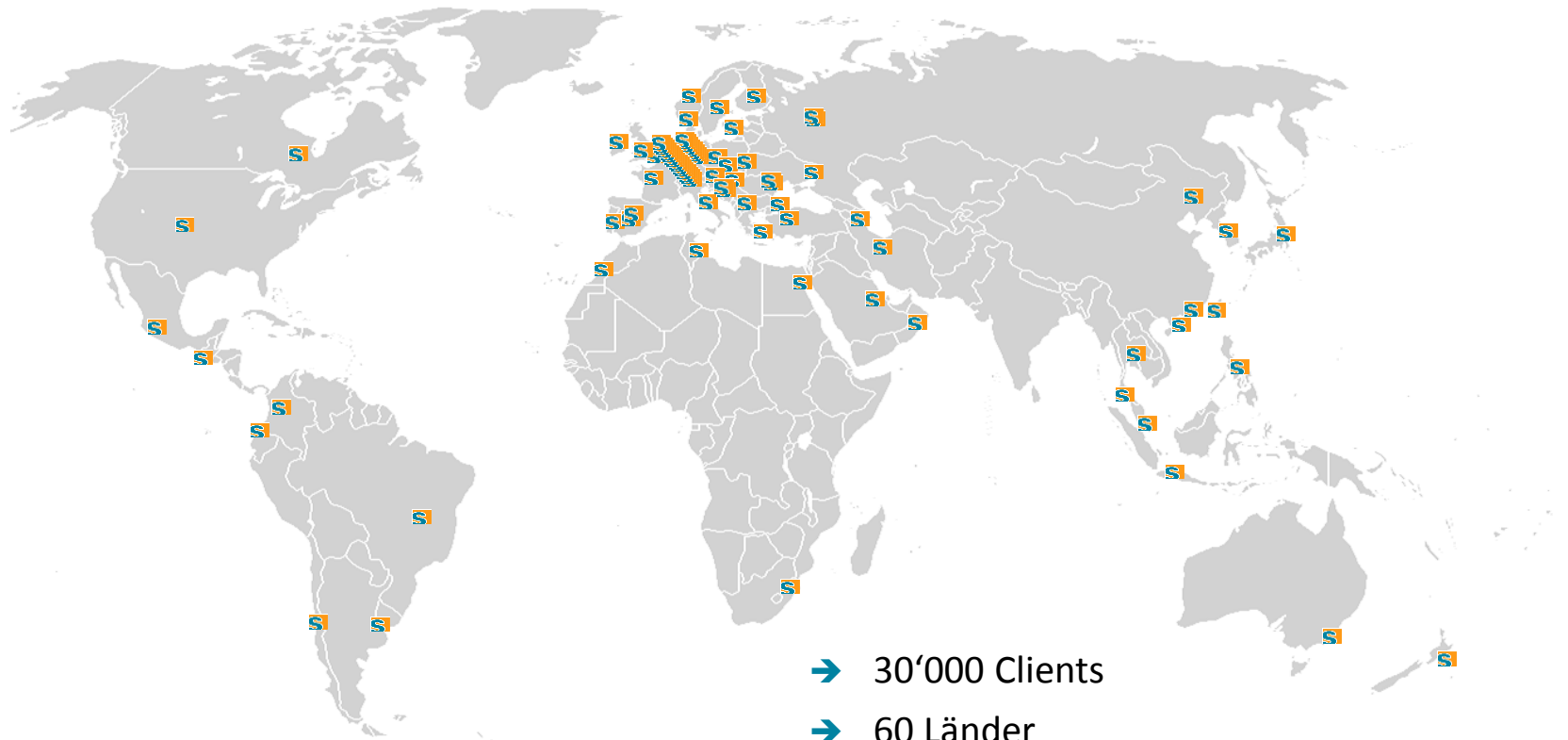
- Boost developer **productivity**
- **Long term** strategy
- **Simple** to learn



# 15 Years of History

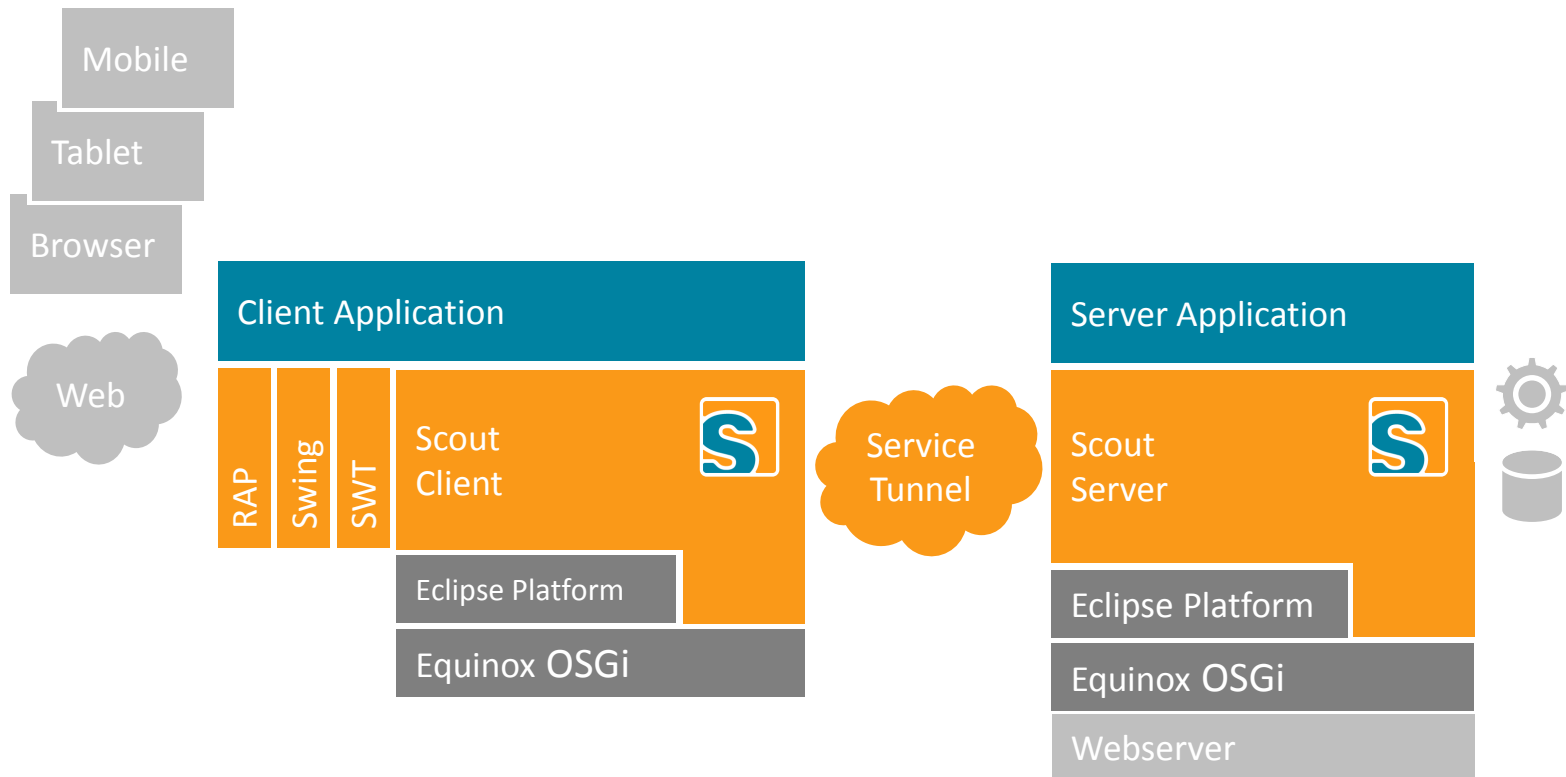


# BSI Deployments

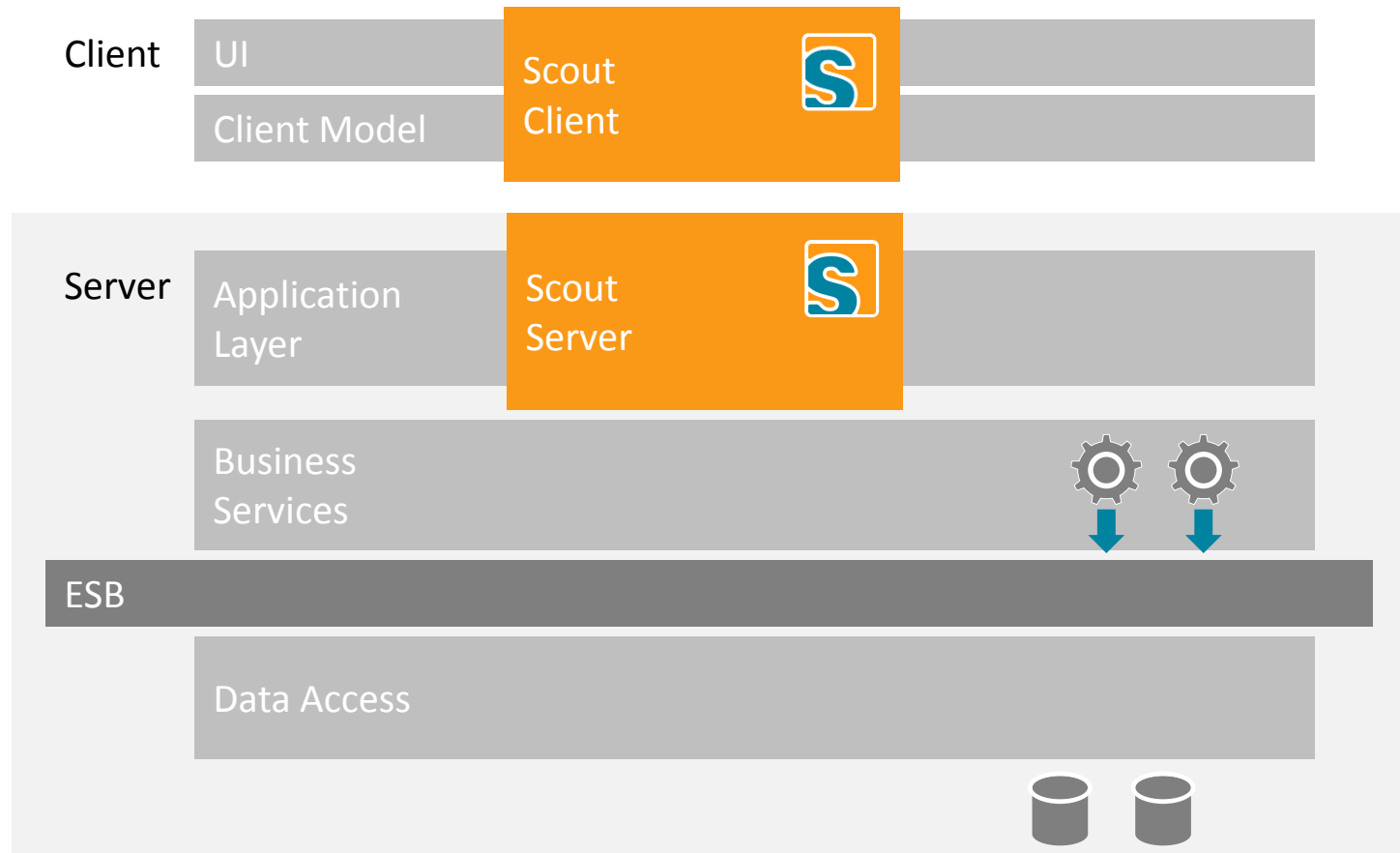


- ➔ 30'000 Clients
- ➔ 60 Länder
- ➔ 16 Sprachen

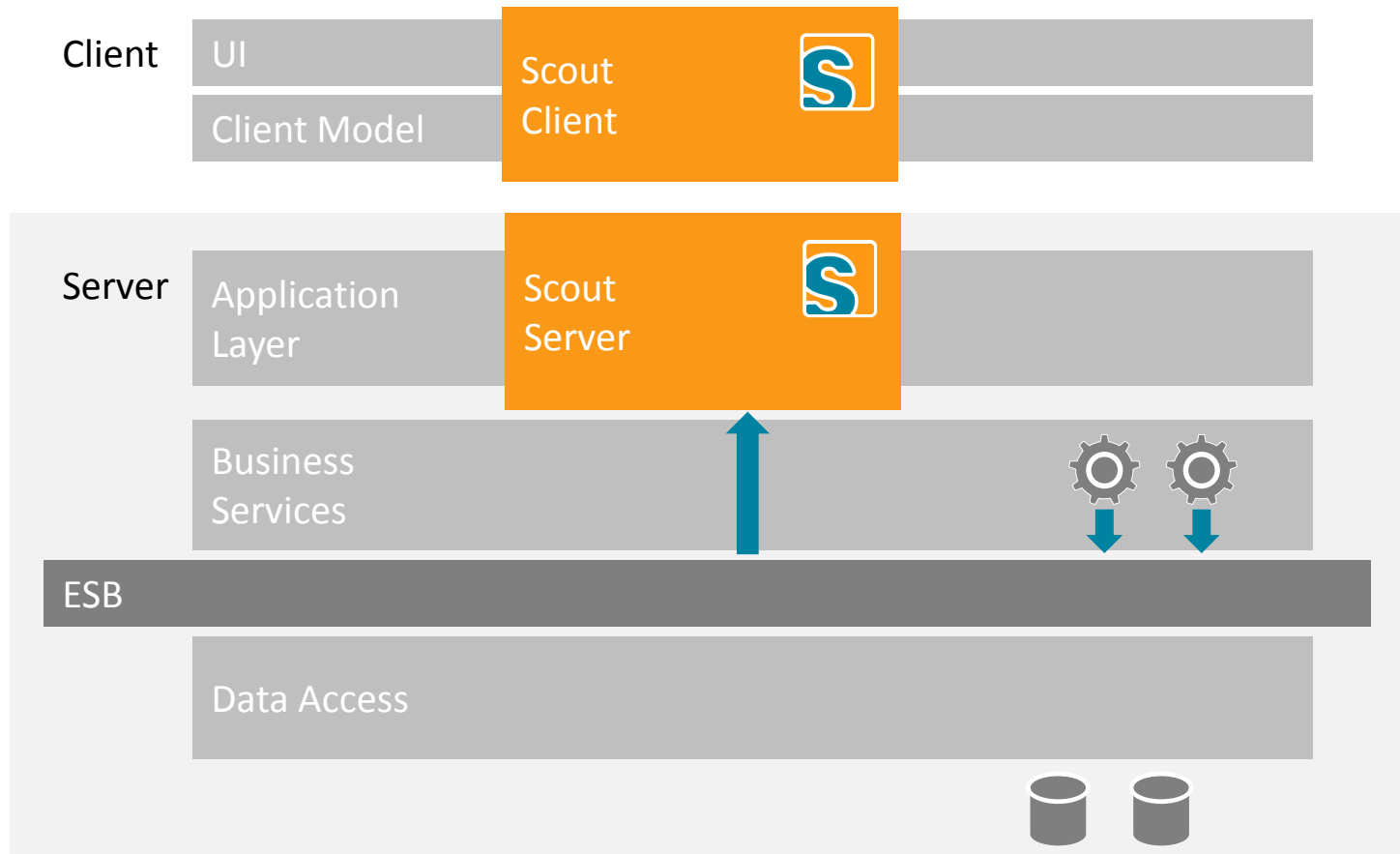
# Application Architecture



# Enterprise Integration

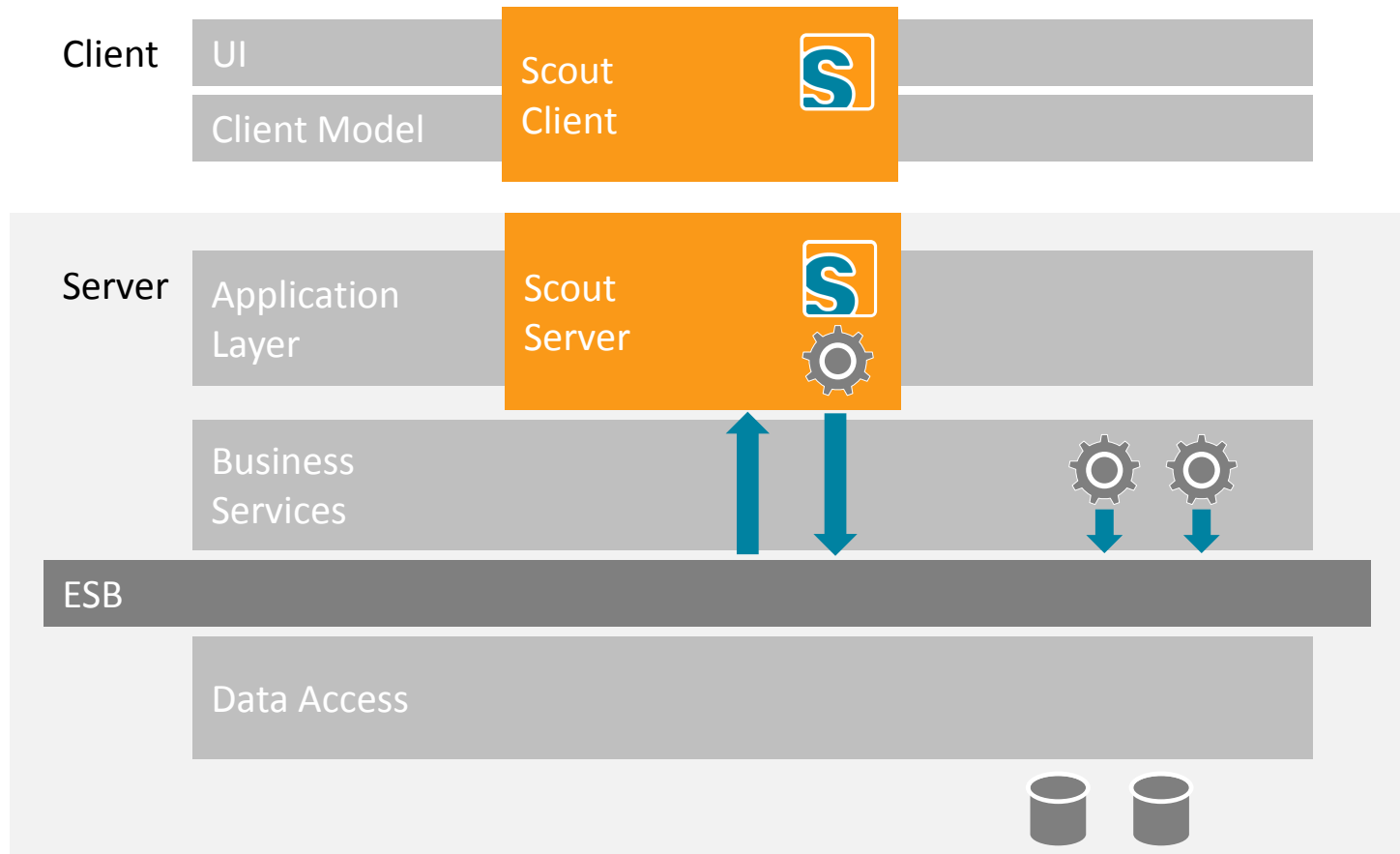


# Enterprise Integration

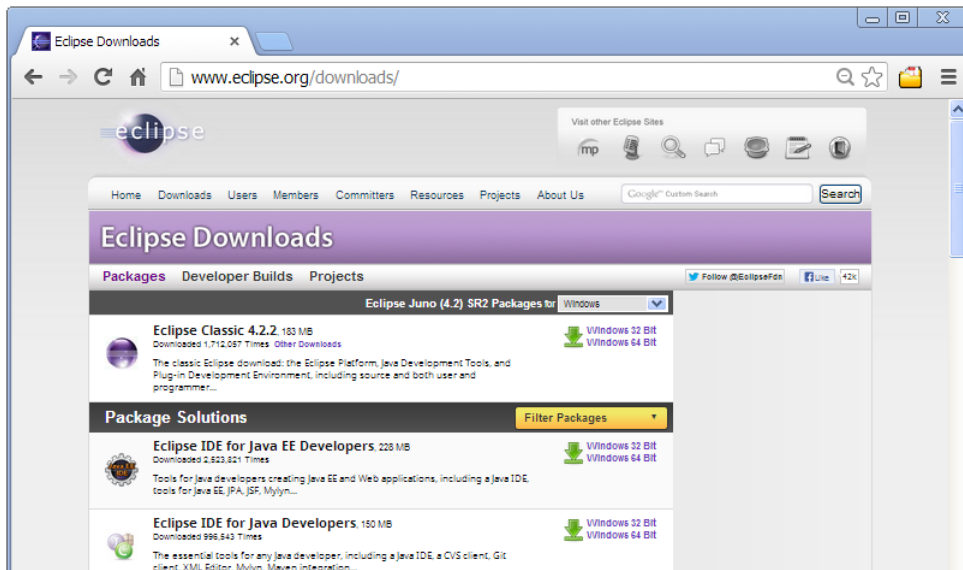




# Enterprise Integration



# Open Source



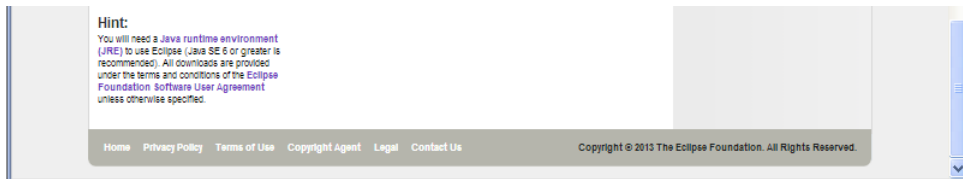
## Eclipse for Scout Developers, 306 MB

Downloaded 117,731 Times

This package contains framework and tools to develop Eclipse Scout applications.



Windows 32 Bit  
Windows 64 Bit



# Scout Wiki / Tutorials / Forum

The image displays three overlapping browser windows from the Eclipse website. The top-left window shows the Scout Wiki home page with the Scout logo and a navigation menu. The top-right window shows the Scout Tutorial page for Eclipse 3.9. The bottom window shows the Eclipse Community Forums thread page for a Scout-related topic.

**Scout Wiki Home Page:**

- Recent changes
- Random page
- Help
- Toolbox
  - What links here
  - Related changes
  - Special pages
  - Printable version
  - Permanent link

**Scout Tutorial Page:**

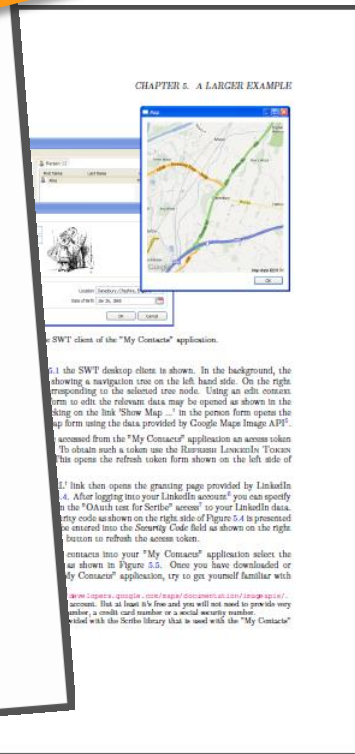
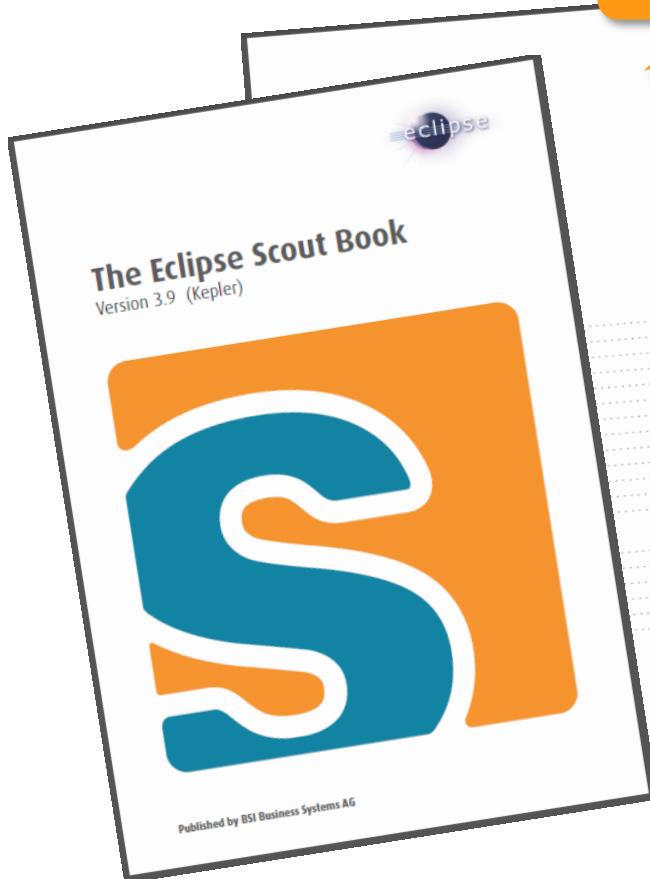
- Home
- Downloads
- Users
- Members
- Committers
- Resources
- Projects
- About Us

**Eclipse Community Forums Thread:**

Topic	Replies	Views	Last message
<a href="#">Browser field error in RAP client</a> By: <a href="#">Dominic Hanlan</a> on Wed, 27 November 2013 08:38	0	174	Wed, 27 November 2013 08:38 By: <a href="#">Dominic Hanlan</a>
<a href="#">Canceling a processing request (Busy handler custom implementation?)</a> How to allow the user to cancel a request that is currently processing. By: <a href="#">Kathlyn Heilman</a> on Tue, 26 November 2013	0	244	Tue, 26 November 2013 14:36 By: <a href="#">Kathlyn Heilman</a>
<a href="#">How to create a read only field</a> By: <a href="#">Erich Steiger</a> on Mon, 18 November 2013	5	1083	Tue, 26 November 2013 03:03 By: <a href="#">Judith Gull</a>
<a href="#">Access logging in database</a> By: <a href="#">Bertin Kiekebosch</a> on Fri, 22 November 2013	3	1198	Mon, 25 November 2013 11:00 By: <a href="#">Florian Widmer</a>
<a href="#">SWT Client startup Error</a> Error in starting SWT client By: <a href="#">Anurag Mahendru</a> on Fri, 22 November 2013	3	390	Mon, 25 November 2013 03:05 By: <a href="#">Matthias Nick</a>
<a href="#">Table in Table Column</a> Add a Table in Table Column Field By: <a href="#">Walter Mising name</a> on Fri, 15 November 2013	4	1447	Thu, 21 November 2013 17:44 By: <a href="#">Lukas Huser</a>
<a href="#">Exception with anchors in HtmlField</a> By: <a href="#">Ull B</a> on Fri, 11 October 2013	1	1662	Tue, 19 November 2013 14:43 By: <a href="#">Lukas Huser</a>
<a href="#">Tab key in RAP</a> Problem with handling of TAB key By: <a href="#">Jan Kožusznik</a> on Tue, 12 November 2013	5	5822	Tue, 19 November 2013 03:55 By: <a href="#">Matthias Nick</a>
<a href="#">Switch Tabs programatically</a> How to swith tabs based on button click By: <a href="#">Walter Mising name</a> on Sat, 16 November 2013	2	804	Mon, 18 November 2013 08:42 By: <a href="#">Walter Mising name</a>
<a href="#">What is a Scout project?</a> By: <a href="#">Stathis Alexopoulos</a> on Sun, 07 October 2012	16	3213	Mon, 18 November 2013 04:59 By: <a href="#">Marco Descher</a>

# Scout Book

Work in Progress ...



# Professional Services



- Training
- Consulting
- Custom Development
- Support

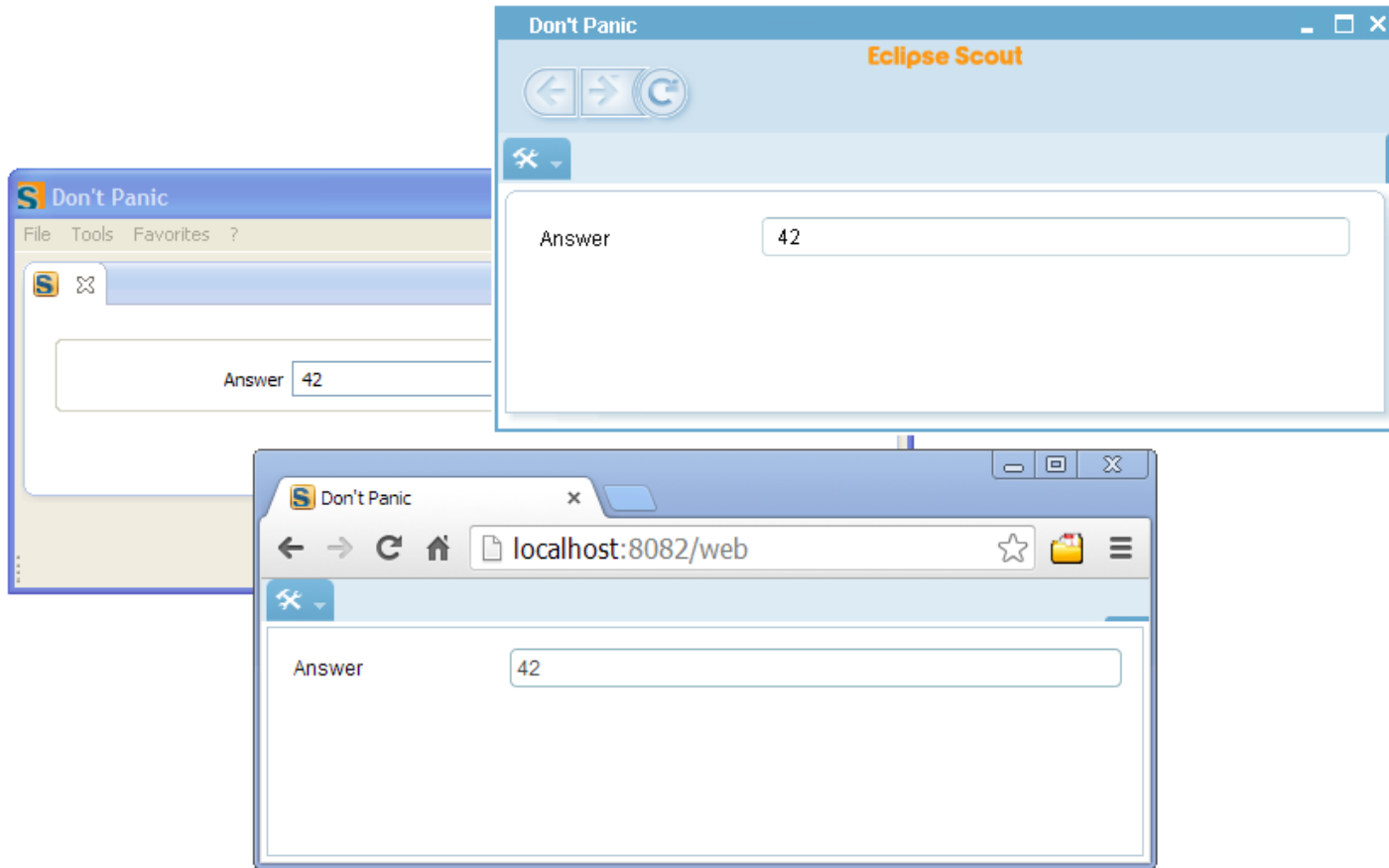
# Agenda

- What is Eclipse Scout?
- „Hello World“
- Desktop, Web, Mobile
- Selected Runtime Components
- A commercial Product
- Q&A



„Hello World“

# „Hello World“







Desktop, Web, Mobile

Life, the Universe and Everything

# Motivation



# Issues

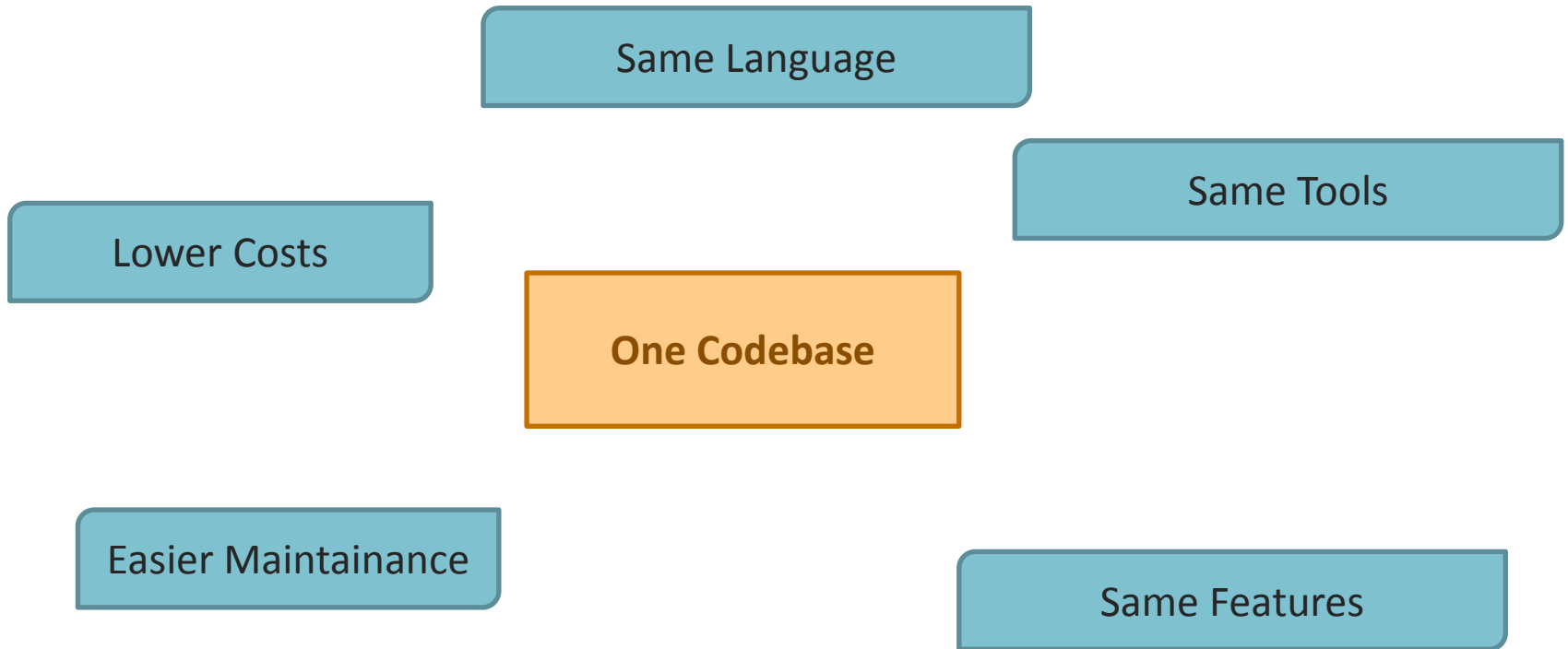




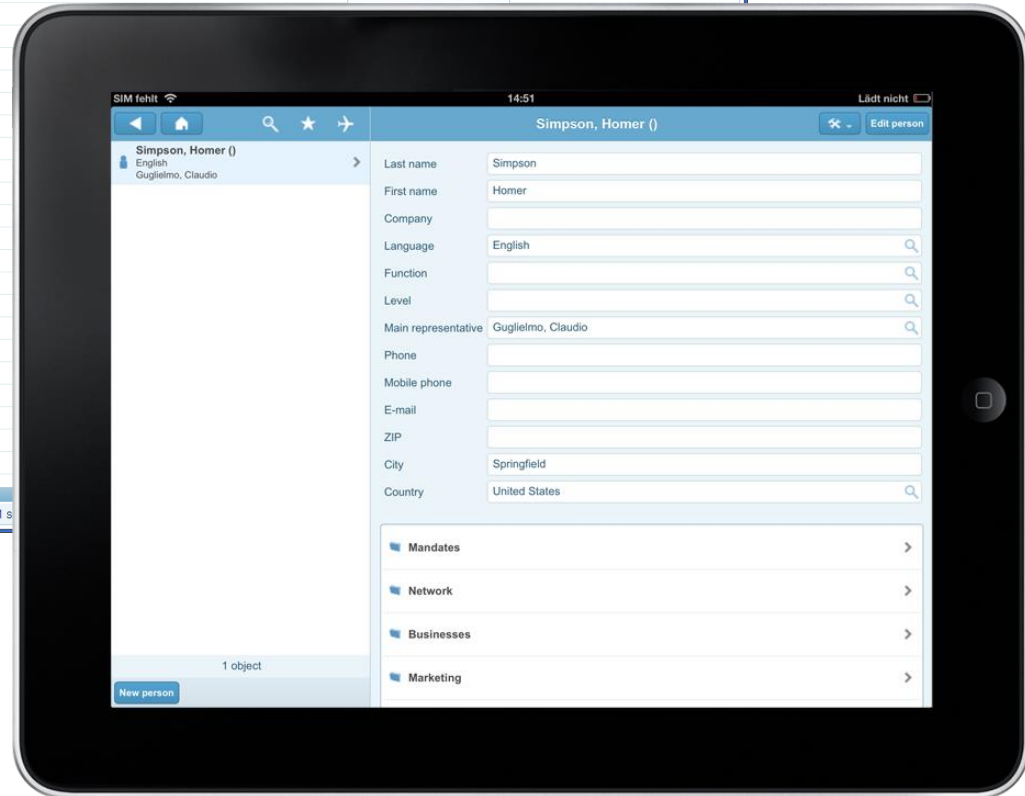
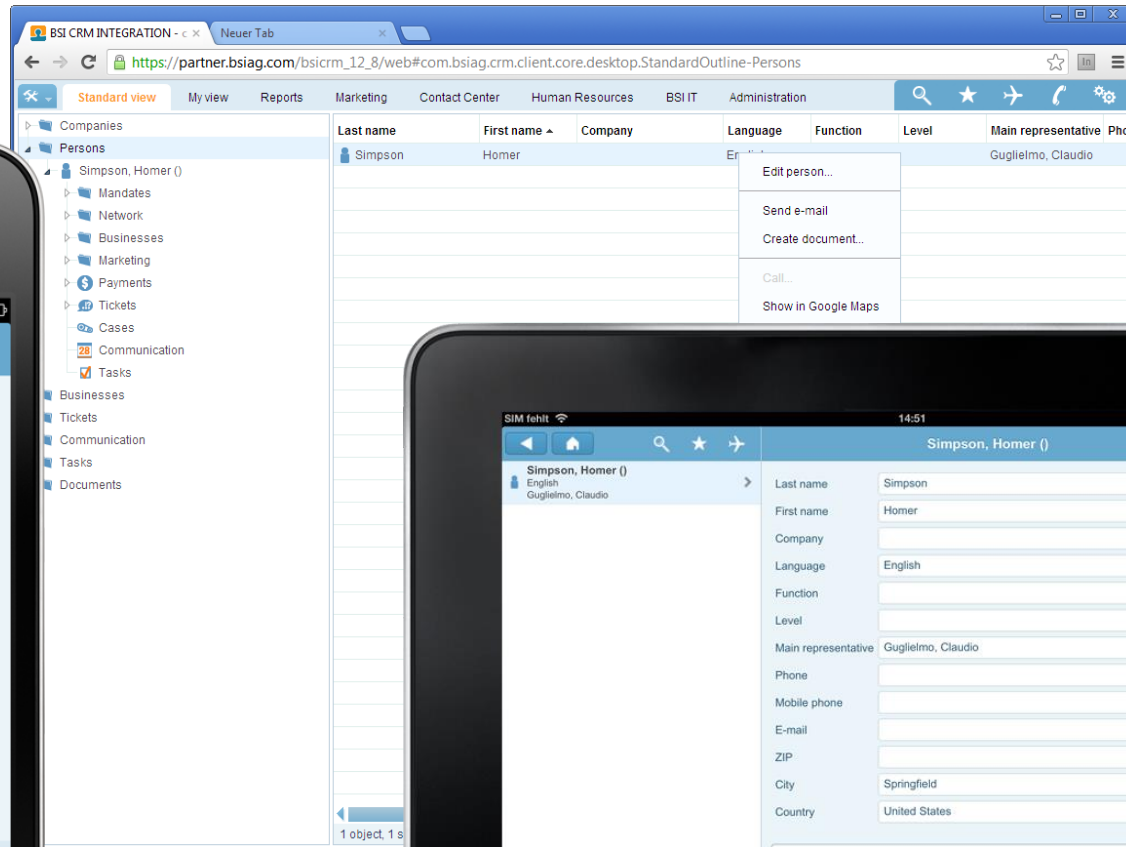
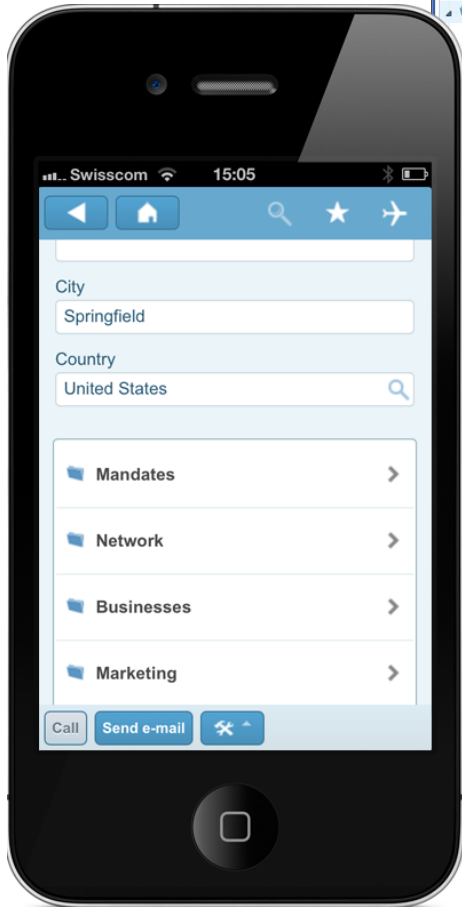


Don't Panic

# Multi Frontend Architecture



# Device Transformation



# Selected Features

A composite image of a galaxy, likely a barred spiral galaxy, showing a bright yellowish-white central core and a surrounding disk. The image is overlaid with a blue-tinted glow, particularly in the outer regions. The background is a dense field of stars of various colors, including white, blue, and yellow. The text "Selected Features" is written in a green, glowing, monospace-style font across the center of the image.



# Scout Features

- Multi-Frontend Support
- Modular Scout Applications
- Table Widget
- Add your own Widgets
- Exchange Client Server Communication
- Adapt Styling of User Interface
- Scout in the Cloud
- New Web Interface
- JavaFX Support
- ...



# Selected Features

Modular Scout Applications

# Oliver Gierke

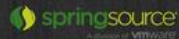
## SpringSource



# Whoops! Where did my architecture go?

Approaches to architecture management for  
Java and Spring applications

Oliver Gierke





If you think  
architecture is  
expensive, try no  
architecture.

---

Presentation

---

Service

---

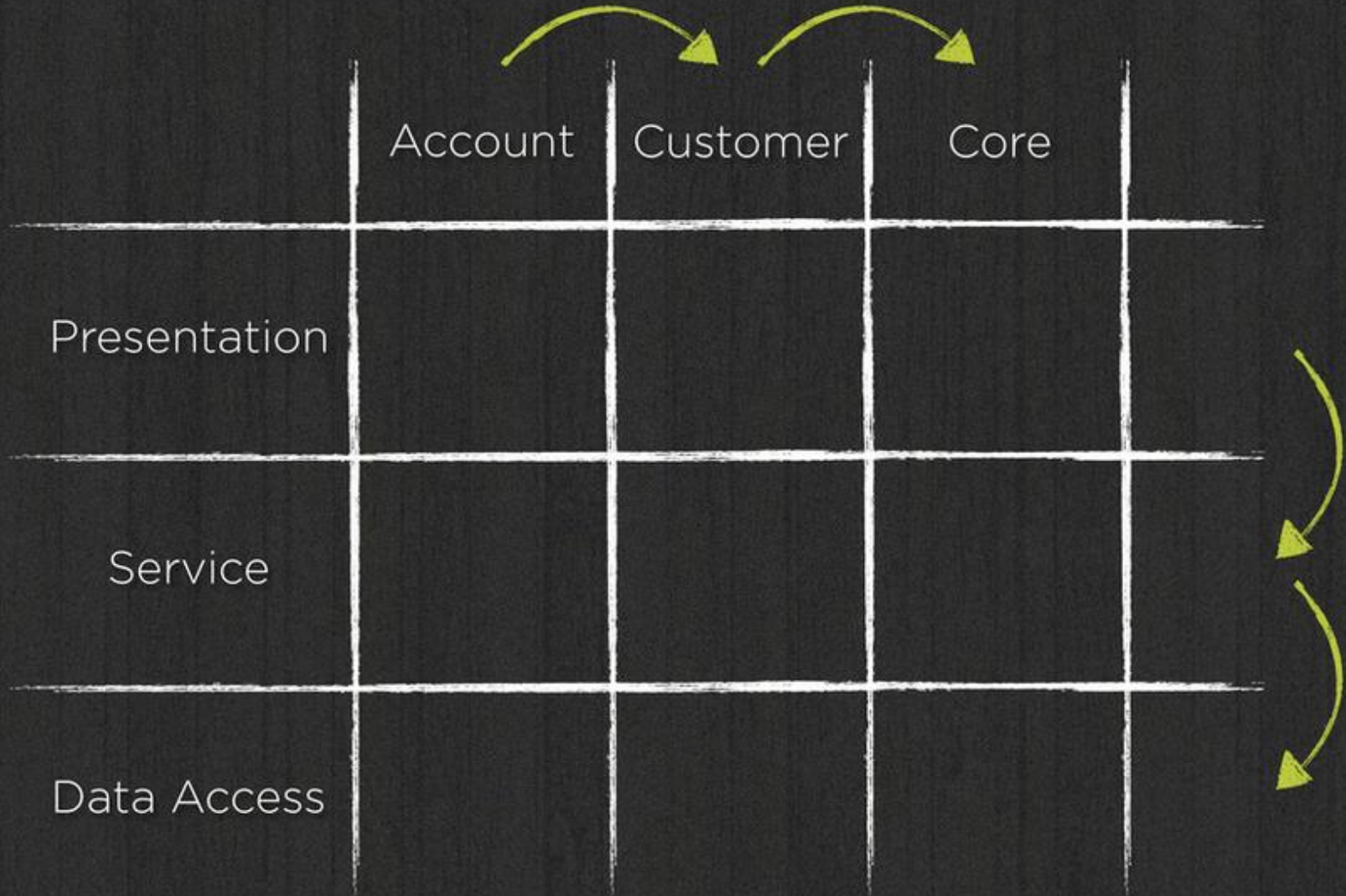
Data Access

# Layers

Well understood

Known to developers

Less important to business



# Slices

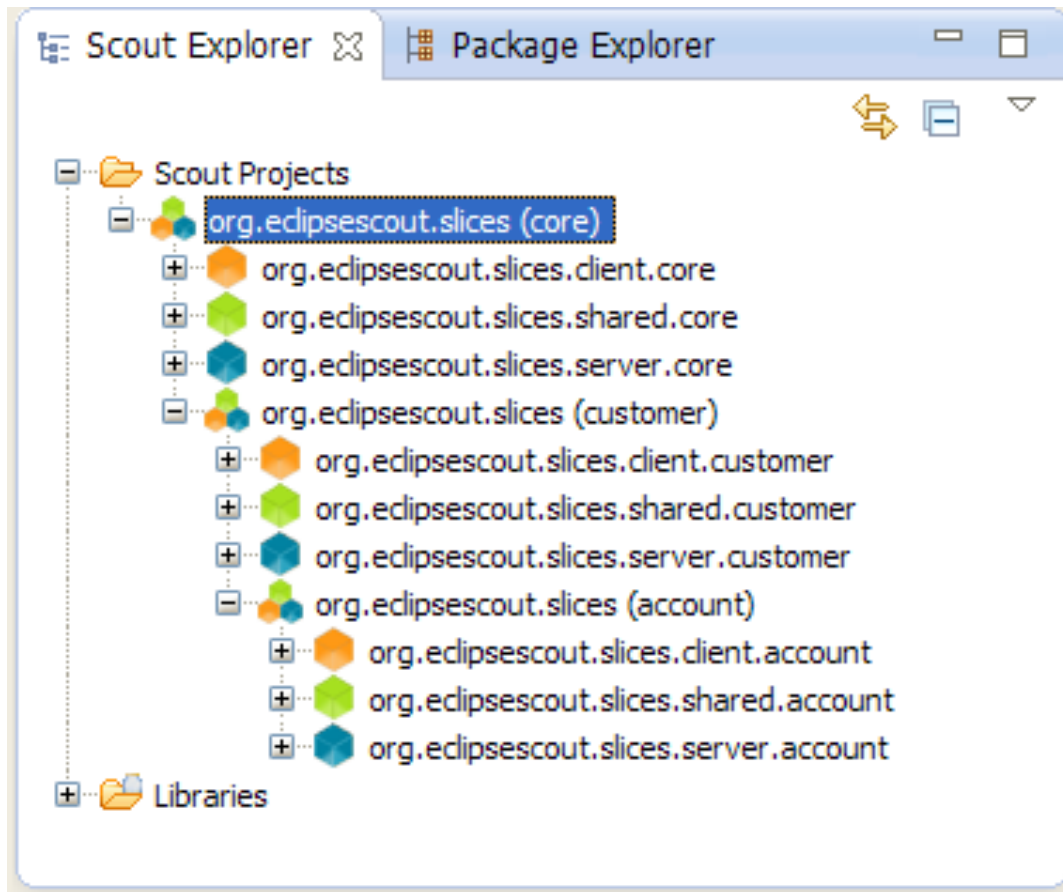
Hardly understood

New to developers

Key for business req



# Layers and Slices with Scout





# Selected Features

Widgets and others

# Table Widget

The screenshot displays a web browser window with a bug tracking interface. The main table lists bugs with columns for ID, Summary, Last Changed, Severity, Priority, Target Milestone, Status, and Resolution. A 'Status' filter dialog is open, showing a 'Value filter' section with checkboxes for ASSI (66), NEW (220), REOP (9), RESO (64), and VERI (91). A 'Text filter' section is also present. To the right, a spreadsheet overlay is visible, showing columns G, H, and I with rows of bug data. At the bottom, a spreadsheet window titled 'Sheet1' shows a detailed view of selected bug records.

ID	Summary	Last Changed	Severity	Priority	(*) Target Mileston	Status	[a-z] Resoluti	[a-z]
417778	SWT: Tray Icon is not disposed while closing the Client-App	Thu 07:26						
355194	Server Test framework: test throwing exception not always marked as failed	2013-11-08						
398283	ValidateOnAnyKey for Number and Decimal fields	2013-11-07						
403171	Fix and improve bean-based table field data generation	2013-11-13						
421822	RAP: SVG field disappears when handling a hyperlink event	12:52:15						
419015	Multiline radiobutton label support	10:34:32						
422055	Remove Legacy Text Fragment	Mon 08:20						
422836	Mobile: Wrong selection of list item during scrolling in iOS Safari browser	Fri 06:16						
422824	Keystroke "add" causes RAP-Client to crash	Fri 04:17						
422754	[Shared] ScoutTexts with double "ss" should be written with "S" for location Germany.	Fri 03:20						
419011	Multiline checkbox label support	2013-11-26						
421958	ServerJob suppresses some Exceptions	2013-11-18						
421656	Rap: Issues with ajax calls and form authentication	2013-11-14						
416548	"Types of Application" documentation needs more content	2013-11-19						
420191	NLS Content proposal: Missing new text	05:30:25	nor	P3	3.10.0 M4	RESO	FIXE	S
420062	SdkCommand.CREATE can cause problems	Fri 04:37	nor	P3	3.10.0 M4	RESO	FIXE	S
421985	Wrong ServerSession added to server plugin.xml with dependent scout projects	2013-11-26	maj	P3	3.10.0 M4	RESO	FIXE	S
391373	Error creating new Scout Project with the same name after the deletion.	2013-11-18	nor	P3	3.10.0 M4	RESO	FIXE	S
422163	BigIntegerField only accepts Long values	2013-11-26	nor	P3	3.10.0 M4	RESO	INVA	S
422160	AbstractLongField does not throw an Exception for out of Bounds Values	2013-11-26	nor	P3	3.10.0 M4	RESO	INVA	S

ID	Summary	Last Changed	Severity	Priority	Target Milestone	Status	Resolution
40	422824	Keystroke "add" causes RAP-Client to crash					
41	422754	[Shared] ScoutTexts with double "ss" should be written with "S" for location Germany.					
42	419011	Multiline checkbox label support					
43	421958	ServerJob suppresses some Exceptions					



# A Commercial Product

BSI CRM

# An Eclipse Scout Business Application



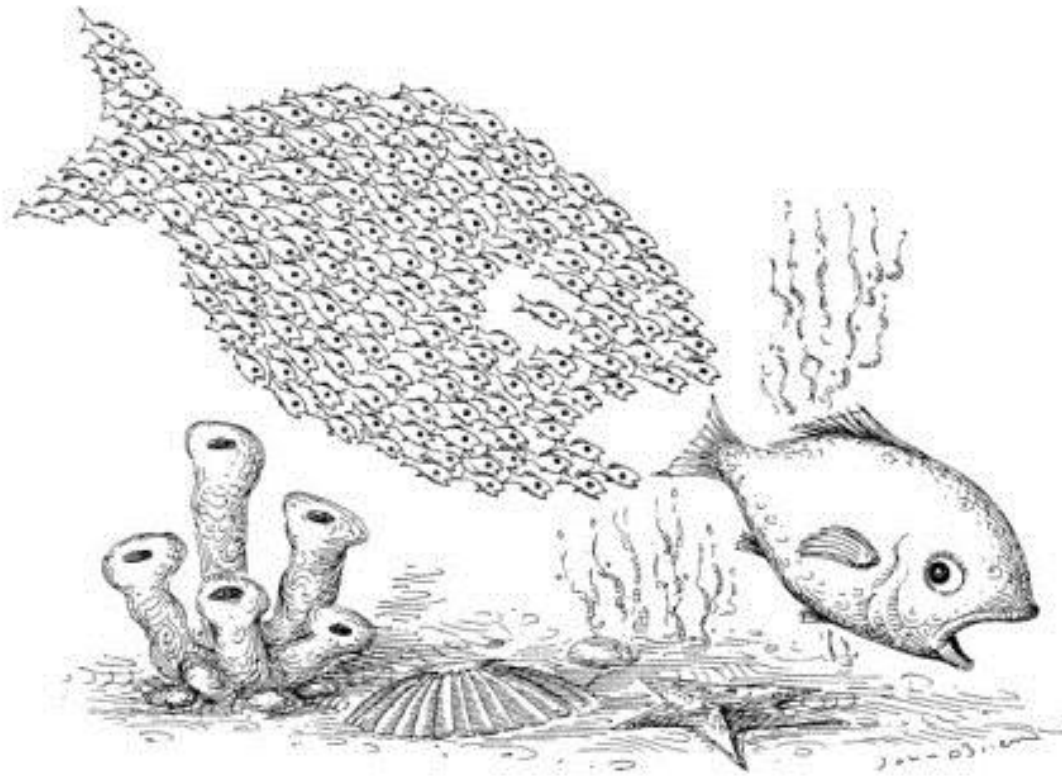
So ...



**Don't waste Money and Time,**

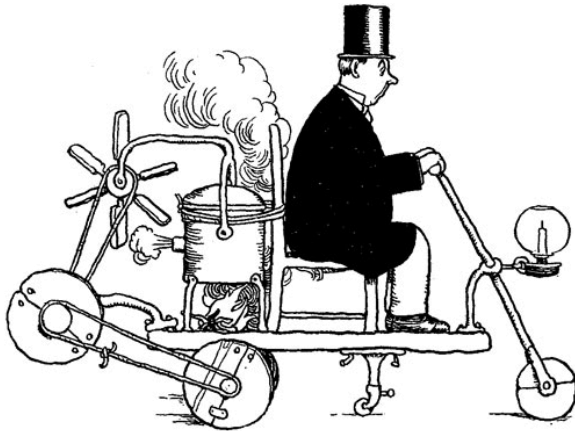


**and Share Framwork Efforts!**





# It's your Decision ...



A WELL THOUGHT OUT AND NEARLY SUCCESSFUL  
EXPERIMENT BY EARLY RAILWAY PIONEER





42

Q&A



So Long, and Thanks for all the Fish