

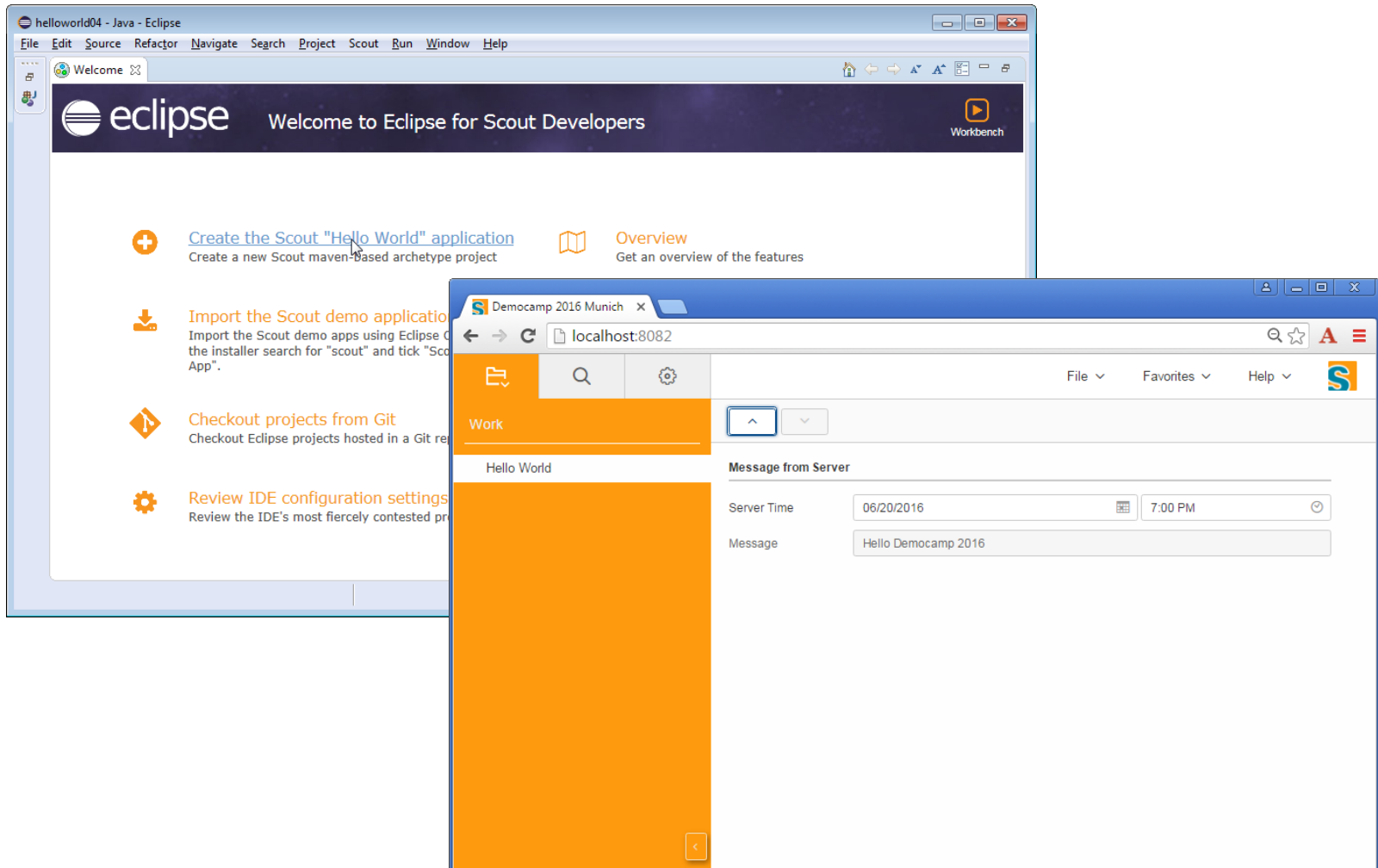


# Eclipse Scout

Future Proof Business Applications

@ZimMatthias @EclipseScout

# Scout Hello World



# Scout Beginner's Guide

Eclipse Scout Beginners G x

file:///C:/Users/mzi/Desktop/oss/github/org.eclipse.scout.docs/docs/build/beginners\_guide/target/generated-docs/beginners-guide.html#s...

## Table of Contents

- Preface
- 1. Introduction
  - 1.1. What is Scout?
  - 1.2. Why Scout?
- 2. "Hello World" Tutorial
  - 2.1. Installation and Setup
  - 2.2. Create a new Project
  - 2.3. Run the Initial Application
  - 2.4. Export the Application
  - 2.5. Deploy to Tomcat
- 3. Scout Tooling
  - 3.1. Motivation for the Tooling
  - 3.2. Eclipse IDE tooling
  - 3.3. Scout SDK Overview
  - 3.4. Scout Wizards
  - 3.5. Scout Content Assistance
  - 3.6. Scout NLS Tooling
- 4. A One Day Tutorial
  - 4.1. The "Contacts" Application

# Eclipse Scout Beginners Guide

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## Preface

The goal of this book is to get you familiar with the Scout framework in a short time. Scout's core features and concepts are introduced and explained by writing actual Scout applications. As Scout applications are written in Java, we make the assumption that you are familiar with the Java language and its core concepts.

We hope that this book helps you to get started quickly and would love to get your feedback. This feedback is very valuable to us as it helps to improve both the book's content and the quality for all future readers.

To allow for contributions to this book, the technical setup and the book's licence have been selected to minimize restrictions. According to the terms of the Creative Commons (CC-BY) license, you are allowed to freely use, share and adapt this book. All source files of the book including the Scout projects described in the book are available on Github.

## 1. Introduction

# Scout Demo Application

The screenshot displays the Scout Demo Application interface, which is a contact management system. It features a dark blue sidebar on the left with navigation options for 'Contacts', 'Persons', 'Organizations', and 'Events'. The main area shows a table of contacts with columns for 'First name', 'Last name', 'City', 'Country', and 'Events'. A modal window is open for the contact 'Stefan Leicht Vogt', showing a profile picture and fields for 'First name', 'Last name', 'Date of birth', and 'Gender'. Another modal window is open for the organization 'BSI Business Systems Integration AG', displaying the BSI logo and fields for 'Name', 'Homepage', 'Street', and 'Location'. The interface includes a search bar at the top and a bottom navigation bar with a back arrow, search icon, and summary icon.

First name	Last name	City	Country	Events
Markus	Brunold	Baden	Switzerland	0
Zeno	Hug	Baden	Switzerland	0
Baden				Σ 0
Matthias	Zimmermann	Baden	Switzerland	0
Nicolas	Born	Baden	Switzerland	0
Glen	Reif	Baden	Switzerland	0
Peter	Seitel	Baden	Switzerland	0
Alexandre	Schroder	Baden	Switzerland	0
Christian	Braun	Baden	Switzerland	0
Stefan	Leicht Vogt	Baden	Switzerland	0

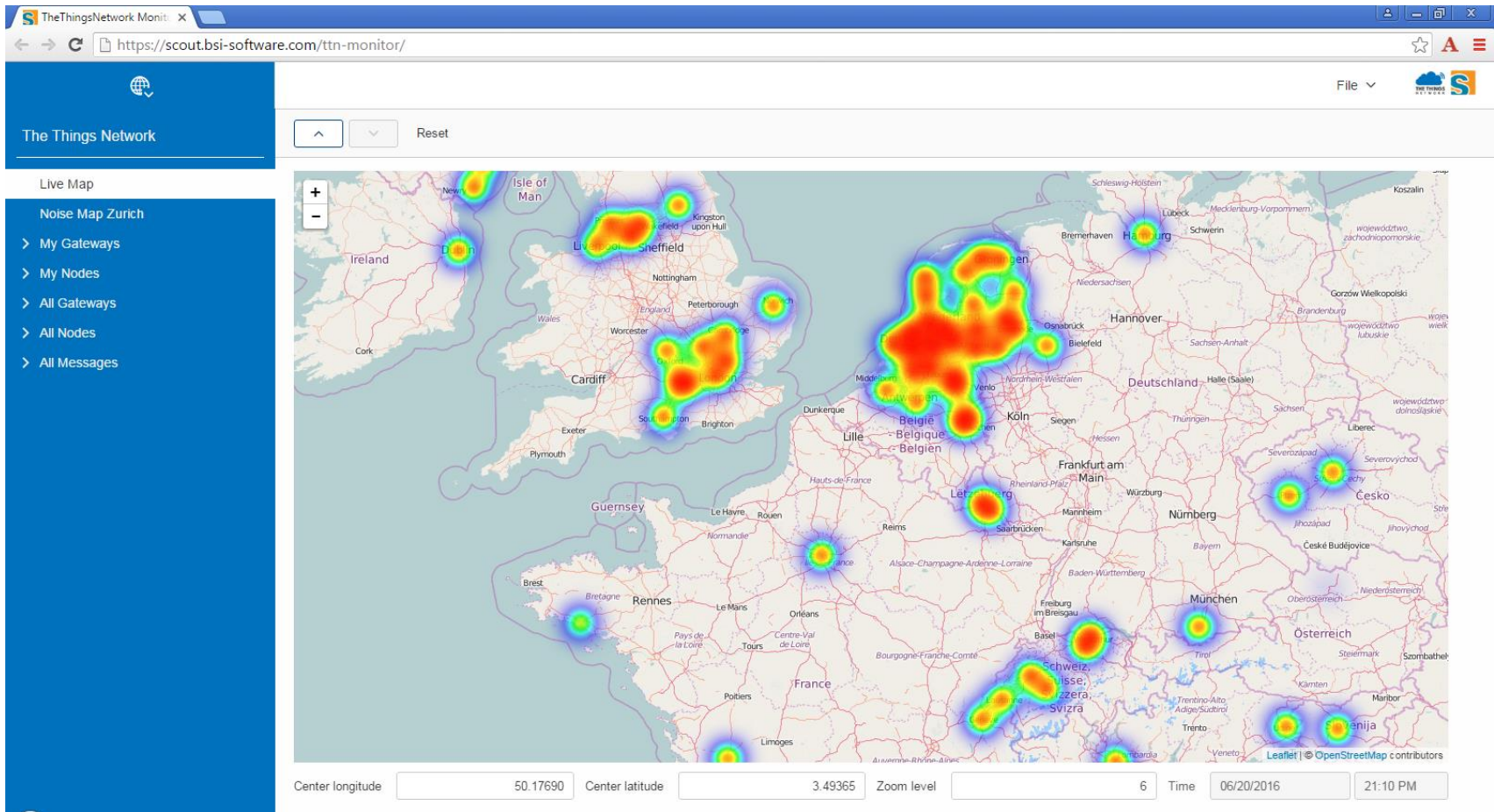
**Person Detail: Stefan Leicht Vogt**

First name: Stefan  
Last name: Leicht Vogt  
Date of birth: 04/19/1987  
Gender:  Male  Female

**Organization Detail: BSI Business Systems Integration AG**

Name: BSI Business Systems Integration AG  
Homepage: <https://www.bsi-software.com>  
Street:   
Location: Daettwil, Baden Switzerland

# Scout Integrating JavaScript Libraries



# Scout Commercial Application

bsi·crm

The screenshot displays the Scout Commercial Application interface. On the left, a navigation sidebar lists categories: Search, Companies (9), Persons (39), Business (23), Tickets (50+), Communications (50+), and Tasks (50+). The main area shows search results for 'eclipse', listing contacts like Beaton Wayne, Benjamin Cabé, and others. A detailed view for 'ralph müller' is shown, including contact information, a bar chart of communication history, and a '360°' view of the contact's profile. A 'Personen (3)' dropdown menu is visible over the search results. On the right, a 'Company' profile for 'ECLIPSE FOUNDATION' is shown, with fields for Name, Short name, and Language, and a 'Save' button.

Last name	First name	Company	Language	Function	Level
Beaton	Wayne	ECLIPSE FOUNDATION	English		+1 (61)
Benjamin	Cabé	ECLIPSE FOUNDATION EUR...	English		+33 (€)
Böhme López	Jordi	ECLIPSE SOURCE	German		
Bruch	Marcel				
Buschtöns	Tim				
Corbett	Sharon				

**Personen (3)**

- Ralph Müller (ECLIPSE FOUNDATION EUROPE)
- ECLIPSE FOUNDATION EUROPE (Contact person)

**360° View:**

- Name: Ralph Müller (ECLIPSE FOUNDATION EUROPE)
- Hauptbetreuer: Andreas Hoegger
- Adresse: Eclipse Foundation Europe GmbH, Mr. Ralph Müller, Annastraße 46
- Bearbeitete GeVos: 0%
- Marketing: 8 (2005-2016)
- Sales: 0 (2005-2016)
- Letzte Kommunika...: BSI Invitation Only Event, 10/29/09 10:15 AM; Mr. EuropaRepräsentant Eclipse Foundation, 12/15/05 1:02 PM
- Kommunikation pro Kanal: Letter (21%), E-mail (74%), Appointment, Event
- Neue Kommunikation

**Company Profile:**

- Company: ECLIPSE FOUNDATION
- Short name: ECLIPSE FOUNDATION
- Name 1: Eclipse Foundation Inc.
- Name 2: [Empty]
- Number: [Empty]
- Language: English
- Rating: [Empty]

# What about Migration?

## Mars

Message

```
@Order(1000.0)
public class MessageField extends AbstractStringField {

    @Override
    protected String getConfiguredLabel() {
        return TEXTS.get("Message");
    }
}
```

```
@Override
protected void execLoad() throws ProcessingException {
    IDesktopService service = SERVICES.getService(IDesktopService.class);
    DesktopFormData formData = new DesktopFormData();
    exportFormData(formData);
    formData = service.load(formData);
    importFormData(formData);
}
```

```
@Override
public DesktopFormData load(DesktopFormData formData)
    throws ProcessingException {
    formData.getMessage().setValue("Hello World");
    return formData;
}
```

## Neon

Message

```
@Order(1000.0)
public class MessageField extends AbstractStringField {

    @Override
    protected String getConfiguredLabel() {
        return TEXTS.get("Message");
    }
}
```

```
@Override
protected void execLoad() {
    IHelloWorldService service = BEANS.get(IHelloWorldService.class);
    HelloWorldFormData formData = new HelloWorldFormData();
    exportFormData(formData);
    formData = service.load(formData);
    importFormData(formData);
}
```

```
@Override
public DesktopFormData load(DesktopFormData formData)
    throws ProcessingException {
    formData.getMessage().setValue("Hello World");
    return formData;
}
```

# Eclipse Scout Neon

## What's new?

- Scout Platform: **Plain Java**
- Building: **Plain Maven**
- UI: **Plain HTML5**

## What stays?

- **Developer Productivity**
- **Application Model** (minimizes migration efforts)
- **Long Term Strategy** (enterprise apps live > 10 years)



# Thanks

@EclipseScout, @ZimMatthias 