

customer data

Pattern:

Last / First name:

Installation site:

Registration no marking: Tara Fzg: to C.Nr:

Weight: ps

Collectib

Cap

Bulk

Waste Article Waste / article:

Description:

Unit: VAT: Price:

BTB: Register Booke

Nicolas PETTON - Profile - Déconnexion

Companies

Search Save + Advanced Search

Name	Company	Email
Nicolas Petton	ObjectFusion	nicolas@obj
Sébastien Audier	ObjectFusion	sebastien@
Aurélia Saout	ObjectFusion	aurelia@obj
Nicolas Petton	ObjectFusion	nicolas@obj
Sébastien Audier	ObjectFusion	sebastien@
Aurélia Saout	ObjectFusion	aurelia@obj
Nicolas Petton	ObjectFusion	nicolas@obj
Sébastien Audier	ObjectFusion	sebastien@
Aurélia Saout	ObjectFusion	aurelia@obj



Migrating Applications TO Pharo Smalltalk

Nicolas Petton
nico@objectfusion.fr

Migrating Applications

- **MS ACCESS APPLICATION**

- **A WASTE MANAGEMENT APPLICATION**
- **MADE FOR THE INDUSTRY AND RECYCLING COMPANIES**
- **USED IN PRODUCTION FOR YEARS**

- **PHP/MYSQL**

- **A HOLIDAY RENTING APPLICATION**
- **18,000 TRAVELLERS**

objectfusion



THE SUNNIEST
CITY OF
FRANCE

↑ MONTPELLIER

- Small company (4 people)
- (mostly) Smalltalk & JavaScript dev

MS Application

OLD USER
INTERFACE

Customer data

Pattern: Weigh
ps

Last / First name:

Installation site:

Registration no marking: Tara Fzg: to C.Nr:

Bulk

Waste / article:

Description:

Unit: VAT: Price:

BTB:

Register:

Booked:

First Car

Date:

Time:

Libra: Weight: to

Net weight: to

Second car

Date:

Time:

Libra: Weight: to

to

MS Application

Customer data

Pattern: **SEARCH**

Last / First name: Lutz Bachmann **FIRST/LAST**

Installation site: **NAME**

Registration no marking: Tara Fzg: 0,000 to C.Nr: **ADDRESS**

Weighter: ps **??**

Weight note: 1000003 **DATE**

Date: 18.05.2011 **??**

Done: Done **??**

Collectible tour Carrier

Bulk

Waste / article: **DATE**

Description: **DEPARTURE**

Unit: VAT: 1 Price: 0,00 € **DATE**

BTB: Register: Booked:

First Car

Weigh Date: 18.05.2011 **ARRIVAL**

Time: 14:46

Libra: 40 Weight: 2,500 to **??**

Net weight: 0,980 to

Second car

Weigh Date: 18.05.2011 **DATE**

Time: 14:47

Libra: 1 Weight: 1,520 to **??**

By car 0,000 to **??**

OPEN A NEW FORM **SEARCH FORM**

Challenges #1

- * Legacy code
- * No User eXperience in mind
- * Complex business logic
- * Existing user-base, with habits

Challenges #2

- ✱ Large DB
- ✱ Data migration from Access to Pharo
- ✱ ~200 waste transactions / work day
- ✱ From a Windows app to a Web-based app

New application

- * Developed under Pharo
- * Deployed with GemStone/S
- * AIDA/Web
- * Comanche

SCREENSHOT

Companies Customers Waste management Sit Amet

Nicolas PETTON - Profile - Déconnexion Save

Companies

New Filter : Company

Results for Name "Audier" and Company "ObjectFusion" + Add column

Name	Company	Email	Role
Sébastien Audier	ObjectFusion	sebastien@objectfusion.fr	software developer
Sébastien Audier	ObjectFusion	sebastien@objectfusion.fr	software developer
Sébastien Audier	ObjectFusion	sebastien@objectfusion.fr	software developer
Sébastien Audier	ObjectFusion	sebastien@objectfusion.fr	software developer
Sébastien Audier	ObjectFusion	sebastien@objectfusion.fr	software developer

10 Elements per page < 1 2 ... 18 >

Name is Audier × Filter

Company is ObjectFusion × Filter