



Podio

JAVA API

Open source project

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- ▶ Framework for creating information systems
- ▶ User interface for interaction with the information system
- ▶ Rich API with client libraries for Ruby, PHP, .NET, Objective-C, Android, python and Java



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Create entity (app)

The image shows a software interface for creating an entity. On the left, there is a 'Fields' panel with a list of field types: Text, Category, Date, Relationship, Contact, Number, Link, Image, and Money. Each field type has a small icon and a letter or number. On the right, there is a list of entities being created, each with a dropdown menu and a label: 'Název nabídky' (Text), 'Zákazník' (Relationship), 'Smlouvy' (Relationship), 'Agresivita - ELE' (Number), and 'Závazek - ELE' (Number). At the bottom left, there is a green button labeled 'Done'.

Field Type	Entity Name
A Text	Název nabídky
☰ Category	Zákazník
📅 Date	
👤 Relationship	Smlouvy
👤 Contact	
123 Number	Agresivita - ELE
🔗 Link	
🖼️ Image	
💰 Money	Závazek - ELE



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Interaction with IS

The screenshot displays the Podio CRM interface. At the top, there is a navigation bar with the Podio logo and various utility icons. Below this is a secondary navigation bar with icons for different CRM functions: Activity, Zákazníci (Customers), OM, Adresy (Addresses), Nabídky (Offers), Parametry (Parameters), Smlouvy (Contracts), Originály (Originals), Záznamy (Records), and an ADD APP button.

The main content area is titled "Zákazníci" and shows a list of 112 customers. On the left, there is a sidebar with "Team views" and a list of filters:

- All Zákazníci: 112
- Fáze OP (Sales Stages): 112
 - Čekám na Fakturu (Waiting for Invoice): 3
 - Výhra (Win): 2
 - Dlouhodobý závazek (Long-term commitment): 1
- Stav (Status): 112
 - Lead: 1
 - Schůzka (Meeting): 8
 - Následná schůzka (Follow-up meeting): 2

The main table view shows a list of customers with columns for "Název firmy" (Company Name), "Kontakty" (Contacts), and "Ičo" (ICHO - Identification Number). The table is sorted by "AZ" and shows 112 of 112 records. A "Reports" button and an "Add Zákazník" button are visible in the top right of the table area.

	< Název firmy	Kontakty	Ičo	>
1	Česká Pošta	Česká Pošta s.p.a.	25310001	
2	Winn-Dixie Stores, Inc.	Winn-Dixie	25310002	
3	Česká Pošta	Česká Pošta	25310003	
4	Winn-Dixie			
5	Česká Pošta	Česká Pošta		
6	Winn-Dixie Stores, Inc.	Winn-Dixie Stores, Inc.		
7	Winn-Dixie Stores, Inc.	Winn-Dixie Stores, Inc.	25310007	
8		Winn-Dixie		
9	Winn-Dixie	Winn-Dixie	25310009	
10	Česká Pošta	Česká Pošta	25310010	
11	Winn-Dixie Stores, Inc.	Winn-Dixie Stores, Inc.	25310011	



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Podio JAVA API

- ▶ The Java client provides coverage of a large part of the API
- ▶ Project is available on <https://github.com/podio/podio-java/>
- ▶ 1st commit on the 23rd Oct 2010
- ▶ 8 contributors (1 main developer, 1 occasional and 6 short term)

Why PODIO API?

- ▶ While working on a web-app project I've come to a need for working with Contacts via the Java API.

Modify Template

Actions

Zákazníci > N

Název firmy

Název firmy s.r.o.

Kontakty

Pick a contact

Contacts

Lenka Nováková

Filip Tomáš

Janina Sedláková

Miroslava

Marie Chrástová

Tomáš Václavík

Robert Nový

Anna Nová

Ičo

Stav

Termín příštího kontaktu

Poznámka

Add new contact

Cancel

Save Zákazník

New feature

- ▶ Therefore I tend to implement methods providing these actions:
 - ▶ Create contact
 - ▶ Retrieve contact (already exists)
 - ▶ Update contact
 - ▶ Delete contact

Possible solution

- ▶ Look at the APIs with the support of CRUD methods with Contact (Ruby, PHP)
- ▶ Look at the Java API create/update/delete methods which work with something else (e.g. Item, Comment)

Thank you
for your attention

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the right side of the frame, creating a modern, layered effect against the white background.