

Three thick, horizontal, light gray bars stacked vertically at the top left of the slide.

# **OF-1 PUG Challenge Americas 2013**

**OF-1 is the simple and straightforward way to build distributed OpenEdge solutions with multiple UI's.**

**Besides the development abilities, OF-1 has some build in modules, which could be used as a starting point for your own ERP system.**

# Today's agenda



- **Expectations**
- **Introduction IAP**
- **Introduction OF-1**
- **Introduction SC**
- **Discussion**

# IAP fact sheet



- Progress work experience since 1989

Founded 1994 in Hamburg, Germany

Longest customer relationship exists since 1993

25 motivated members of staff

- Fields of work – 90% Progress

OF-1

Consulting, technology transfer, development

Tools4Progress (Viper, PCase, Skin-Client)



# OF-1 – Where are we now?



- Intentions

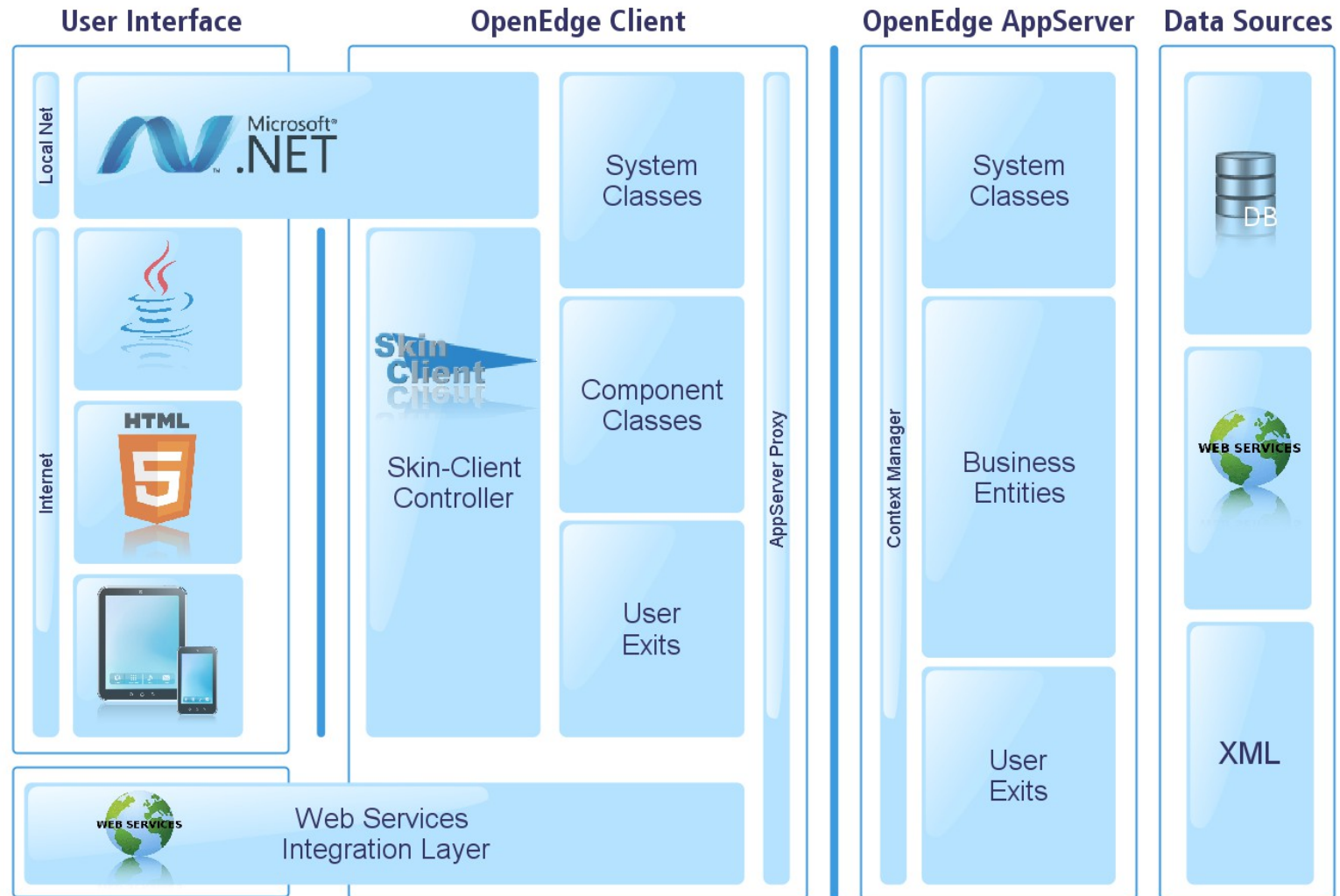
**Productivity**

**Multi-UI**

**Components**

**BEs**

**Designer**



# OF-1 – Where are we now?



- Intentions

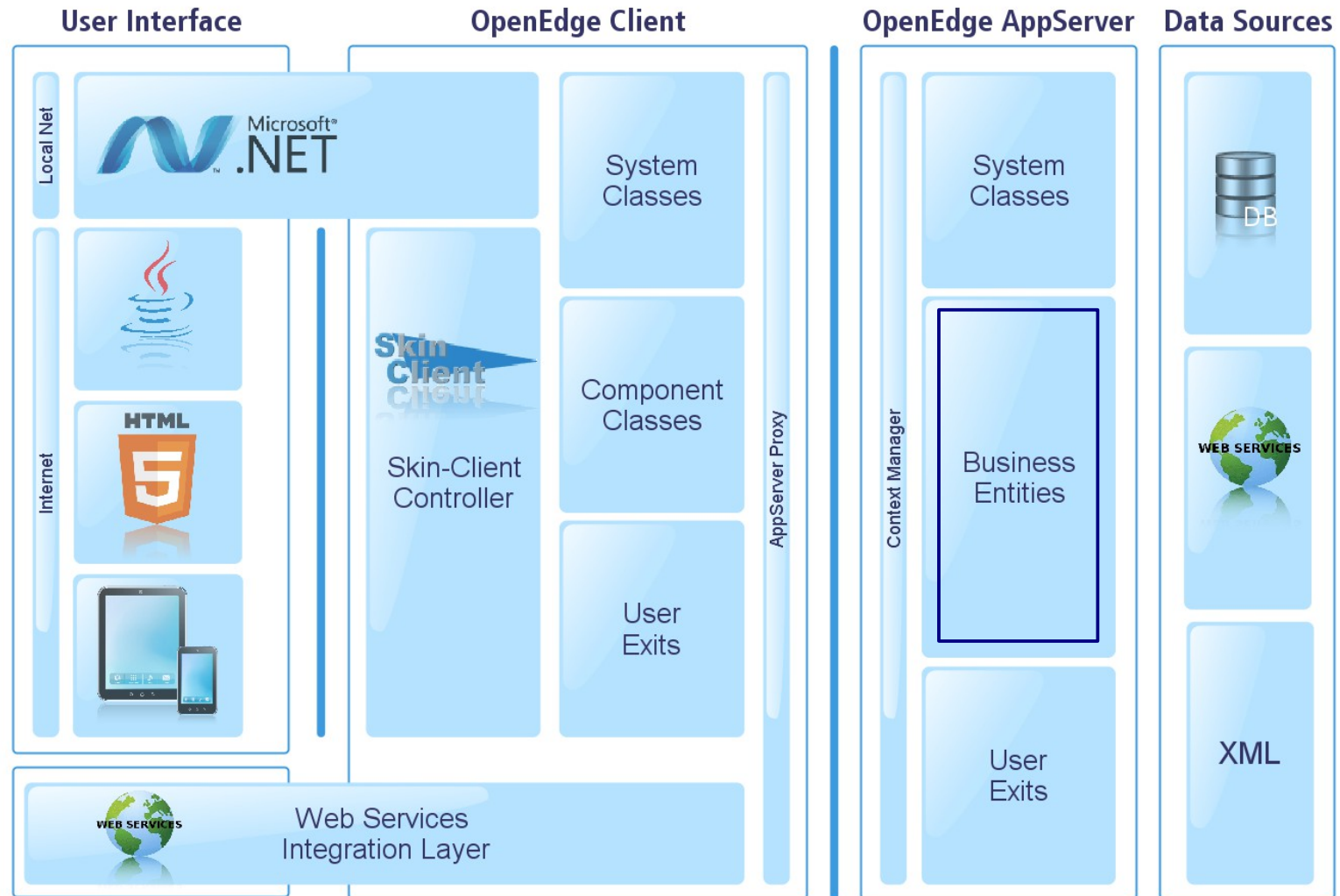
**Productivity**

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# PCase & BEs



- Build Backend efficient

## • PCase

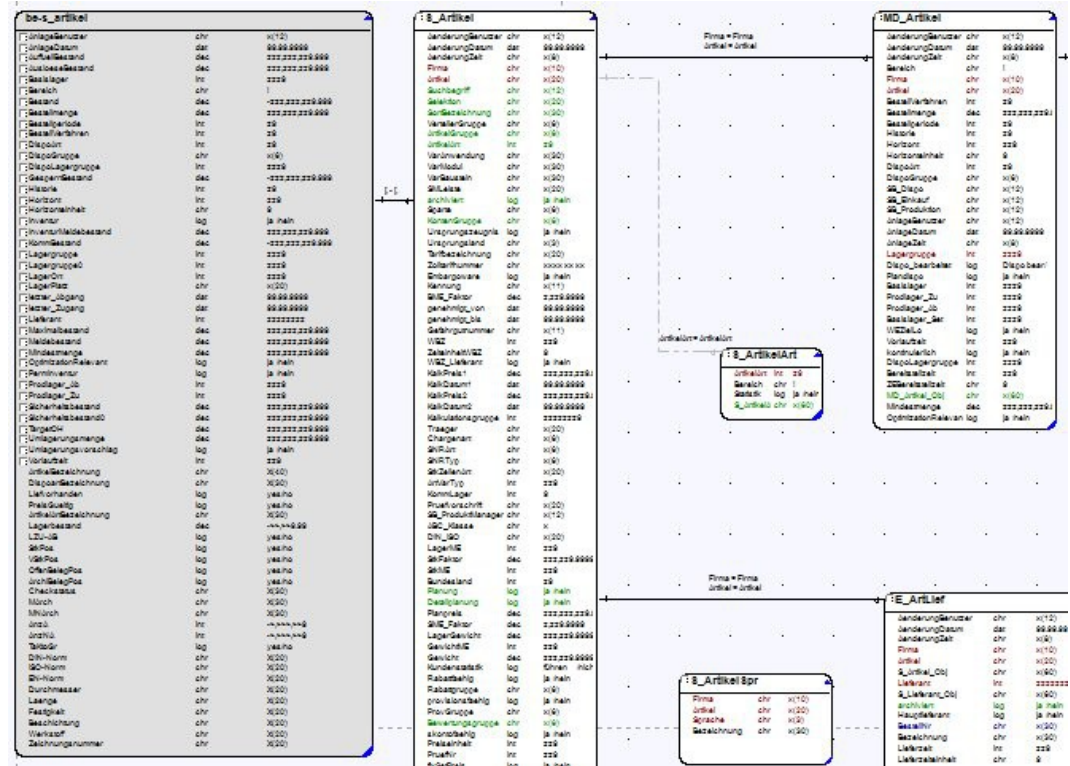
Graphical Design of BEs

Generate BE base code

- Business Entities

Encapsulate Business Logic

Enhance Maintainability



# OF-1 – Where are we now?



- Intentions

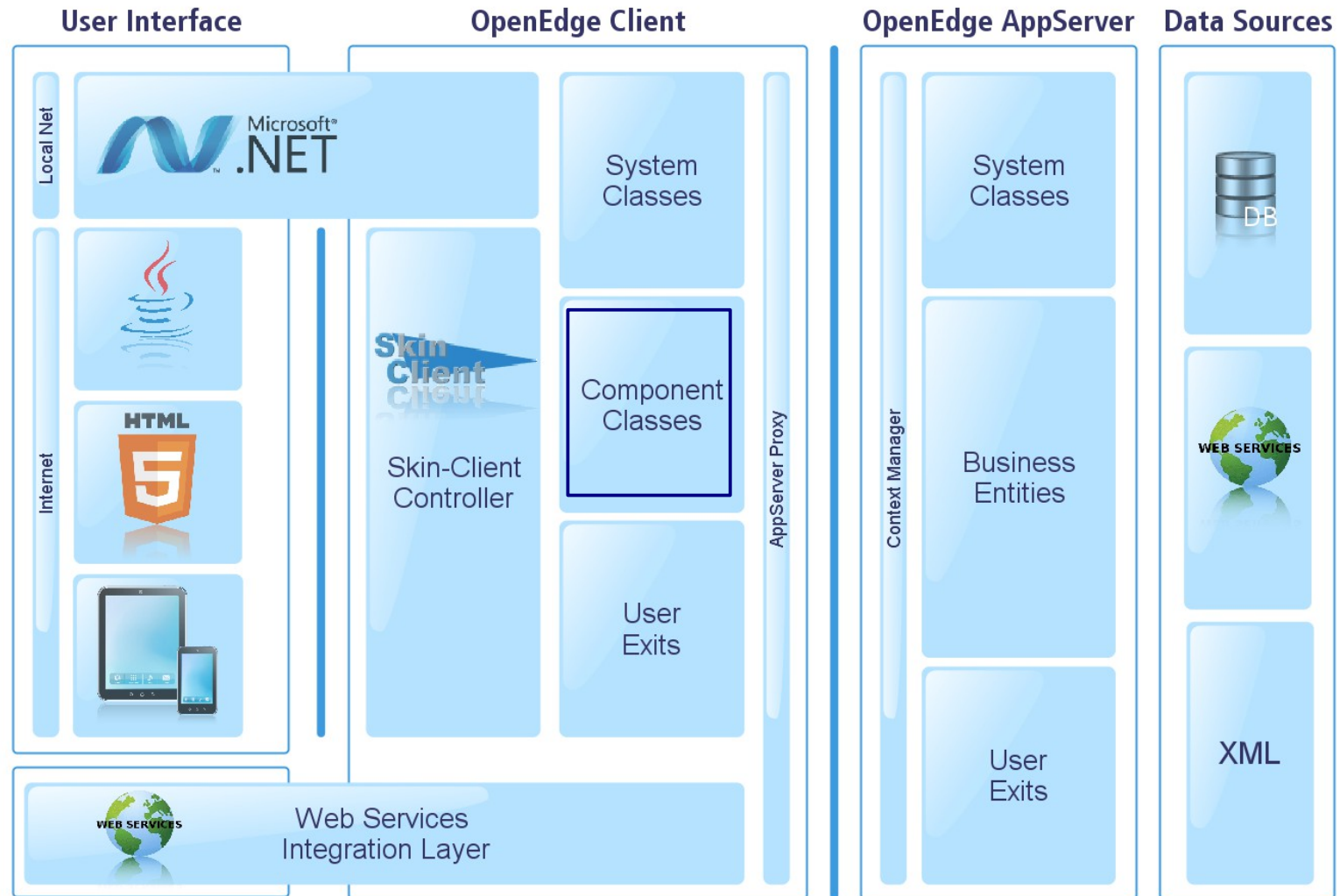
**Productivity**

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**BEs**

**Designer**



# Component Classes



- are not just widgets
- contains already logic
- abstract UI

Sales Rep:  Pitt , Dirk K.

current supplier:

S_ Name	City	Country
1 Golf/world S...	Boston	USA
2 Pool Swimm...	Valkeala	Finland
3 Nordic Ski...	Hingham	USA
4 Champion S...	Harrow	United Kn...
6 Seasonal Sp...	Bedford	USA
7 Tennis Supp...	Boston	USA
8 Boating Sup...	Jackson...	USA
9 Aerobic Sup...	Newport...	USA

avail. suppliers:

S_ Name	City	Country
5 ABC Sports...	Boston	USA
1 Sports Unlim...	Irving	USA

Cust_▲	Name	Country	City	Sales_	Rep name	State
1	Lift Tours	USA	Burlington	HXM	Harry Munvig	MA
2	Urpon Frisbee	Finland	Oslo	DKP	Pitt , Dirk K.	Uusima
4	Go Fishing Ltd	United Kingdom	Harrow	SLS	Smith , Spike Louise	Middlesex
5	Match Point Tennis	USA	Boston	JAL	Jan Loopsnel	MA
6	Fanatical Athletes	United Kingdom	Montgomery	SLS	Smith , Spike Louise	AL
7	Aerobics valine Ky	Finland	Tikkurila	DKP	Pitt , Dirk K.	Uusimaa
8	Game Set Match	USA	Deatsville	RDR	Robert Roller	AL
9	Pihtiputaan Pyora	Finland	Pihtipudas	DKP	Pitt , Dirk K.	Etela-Savo
10	Just Joggers Limited	United Kingdom	Ramsbottom	SLS	Smith , Spike Louise	Sussex
11	hoops00	Finland	Helsinki	DKP	Pitt , Dirk K.	Uusimaa
12	Surf Lautaveikkoset	Finland	Salo	DKP	Pitt , Dirk K.	Varsinais-Suomi
13	Biljardi ja tennis	Finland	Mantsala	DKP	Pitt , Dirk K.	Uusimaa
14	Paris St Germain	France	Paris	DOS	Donna Swindall	Seine
15	Hoola Basketball	USA	Fog Harbor	HXM	Harry Munvig	NI



# OF-1 – Where are we now?



- Intentions

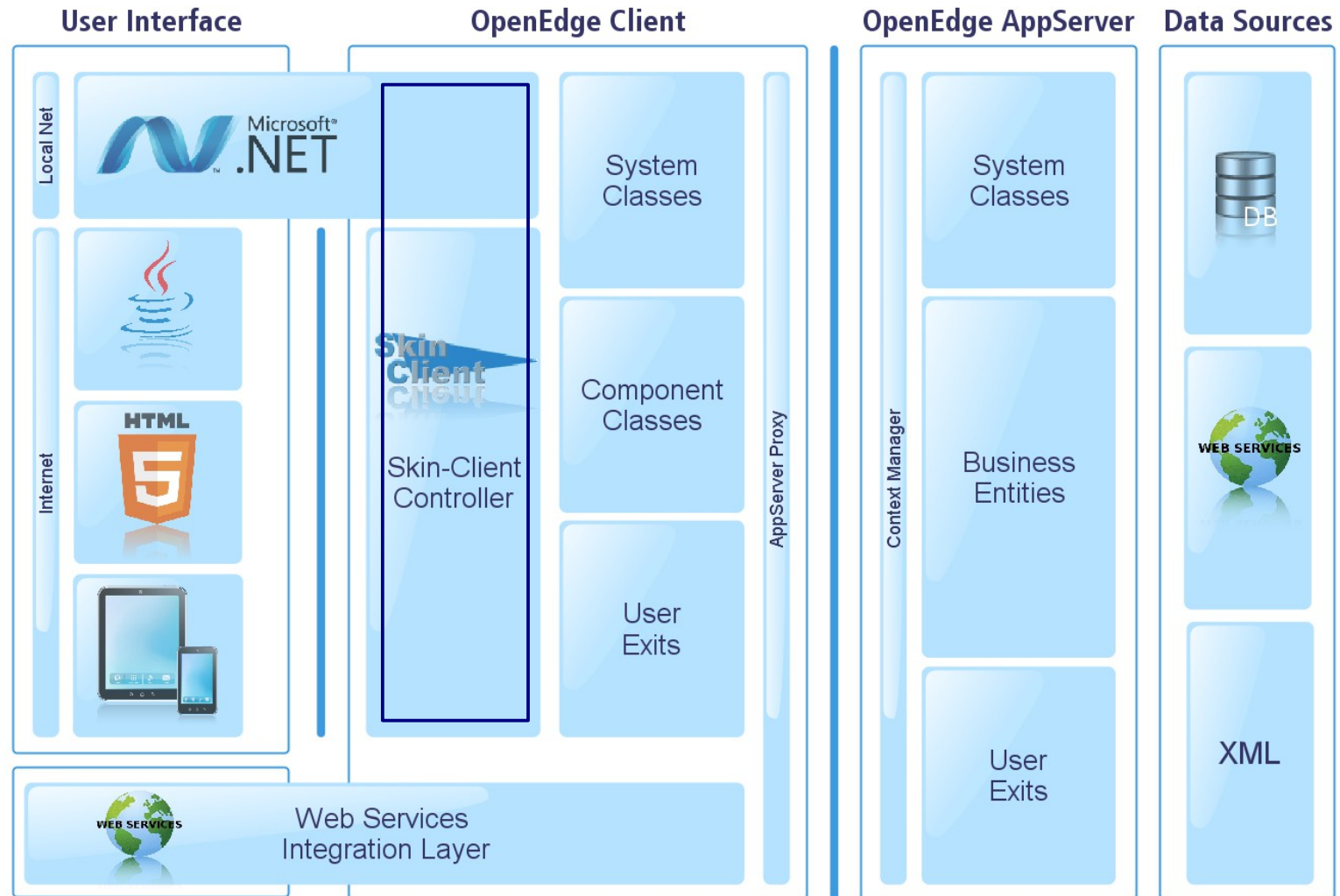
**Productivity**

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# Widget Classes



The image displays two screenshots of a web application interface, illustrating different widget classes for displaying customer data.

**Top Screenshot (Customer simple):** Shows a browser window with a menu tree on the left and a table of customers. The table has columns: Num, Name, Country, City. The selected row is '10 Just Joggers Limited' from the United Kingdom. Below the table is a form with fields for Name, Phone, Email, Contact, Country, Address, Address2, City, and Balance.

Num	Name	Country	City
1	Lift Tours	USA	Burlington
2	Urpon Frisbeedd	Finland	Oslo
3	Hoops	USA	Atlanta
4	Go Fishing Ltd	United Kingdom	Harrow
5	Match Point Tennis	USA-2	Boston
6	Fanatical Athletes	United Kingdom	Montgomery
7	Aerobics valine Ky	Finland	Tikkurila
8	Game Set Match12	USA	Deatsville
9	Pihtiutaan Pyora	Finland	Pihtiudas
10	Just Joggers Limited	United Kingdom	Ramsbottom
11	Keilailu ja Bijardi	Finland	Helsinki
12	Surf Lautaveikkoset	Finland	Salo
13	Biljardi ja tennis	Finland	Mantsala
14	Paris St Germain	France	Paris
15	Hoopla Basketball	USA	Egg Harbor
16	Thundering Surf Inc.	USA	Coffee City
17	High Tide Sailing	United Kingdom	Immingham
18	Antin Metsastysase	Finland	Sysma

**Bottom Screenshot (OF-1 Version 2.1):** Shows a similar browser window but with a more detailed form for the selected customer '1 Lift Tours'. The form includes fields for Name, Phone, Email, Contact, Country, Address, Address2, City, Balance, Discount, Credit Limit, and Comments.

Num	Name	Country	City
1	Lift Tours	USA	Burlington
2	Urpon Frisbeedd	Finland	Oslo
3	Hoops	USA	Atlanta
4	Go Fishing Ltd	United Kingdom	Harrow
5	Match Point Tennis	USA-2	Boston
6	Fanatical Athletes	United Kingdom	Montgomery
7	Aerobics valine Ky	Finland	Tikkurila
8	Game Set Match12	USA	Deatsville
9	Pihtiutaan Pyora	Finland	Pihtiudas
10	Just Joggers Limited	United Kingdom	Ramsbottom
11	Keilailu ja Bijardi	Finland	Helsinki
12	Surf Lautaveikkoset	Finland	Salo
13	Biljardi ja tennis	Finland	Mantsala
14	Paris St Germain	France	Paris
15	Hoopla Basketball	USA	Egg Harbor
16	Thundering Surf Inc.	USA	Coffee City
17	High Tide Sailing	United Kingdom	Immingham
18	Antin Metsastysase	Finland	Sysma

- creating the specific UI
- each UI has its own control

# OF-1 – Where are we now?



- Intentions

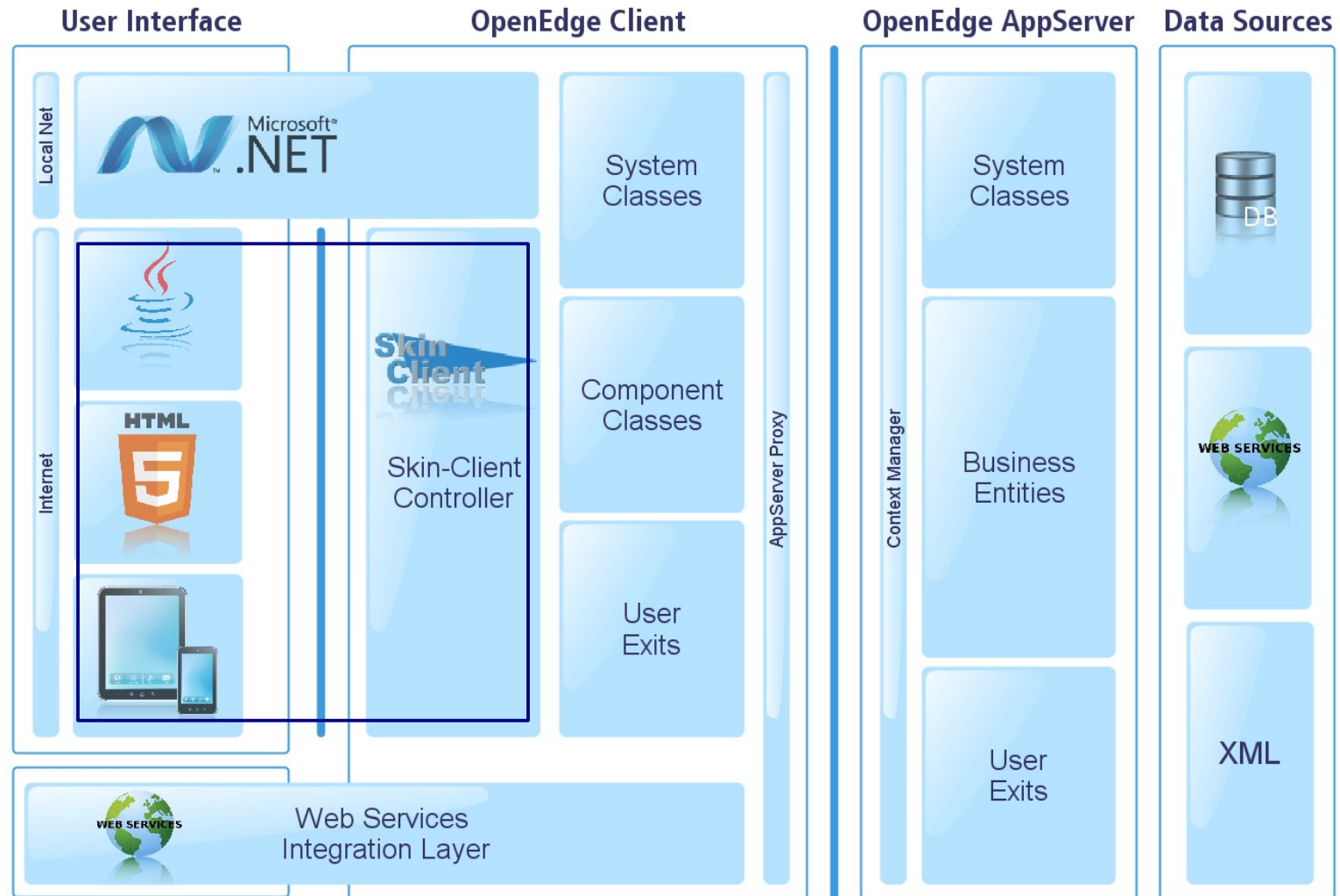
**Productivity**

**Multi-UI**

**Components**

**BEs**

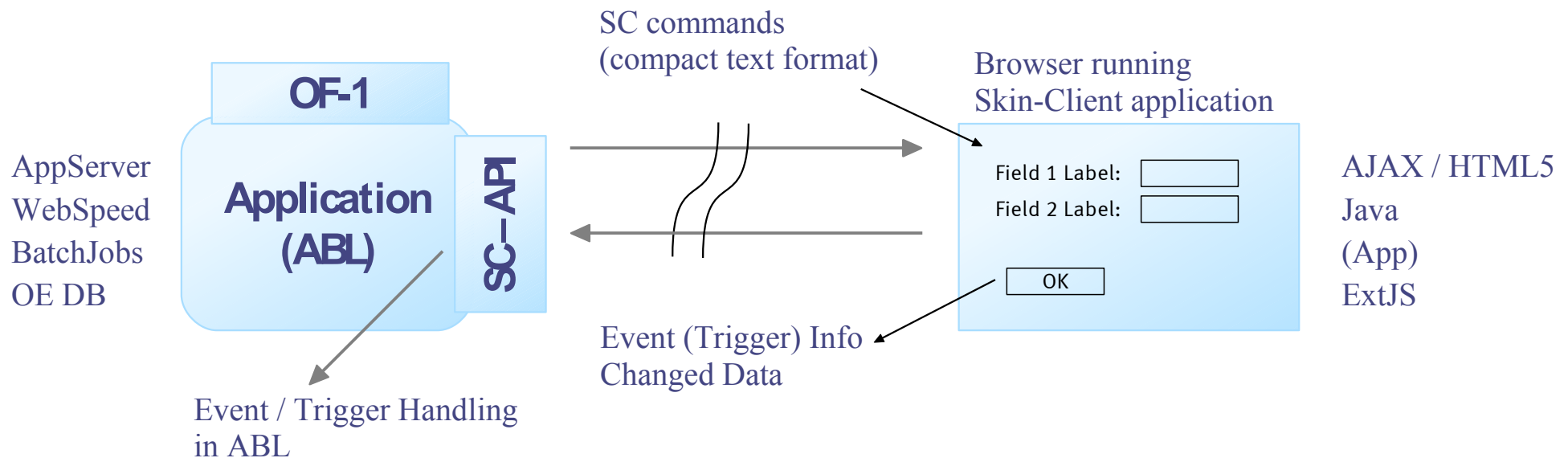
**Designer**



# SaaS with Skin-Client (+ OF-1)



- SaaS Application using Skin-Client API to run Java or HTML5 application in a browser or standalone (Java) – that is available today.



Backend server can run at: Customer Site, Amazon, any other “cloud” system.  
Often used for: ERP AddOns, B2B

# New Applications & Migration

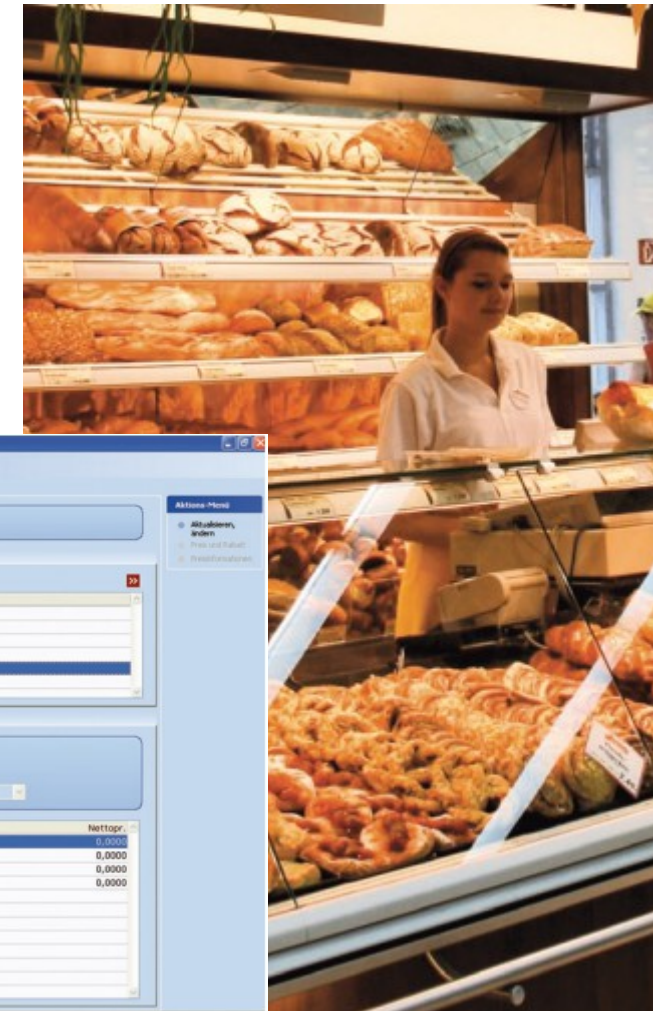
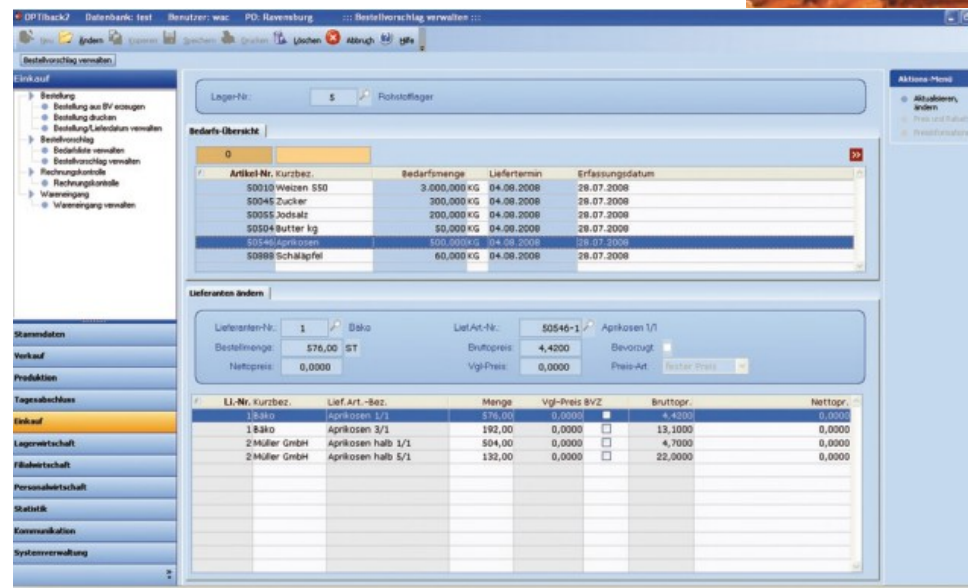


- **Redesign / rebuild your application**
  - DWP, Dynamics, ADM...**
  - Co-exists with legacy applications**
- **Web based applications**
- **Multi-Tenancy applications**
- **AddOns for existing in-house ERP systems**
  - (QAD, proALPHA, your homebrew...)**
  - could be functional (extend with new modules)**
  - could be AddOn (B2B, Information System...)**
- **Create your new in-house homebrew ERP/Whatever system :)**

# Optimo – Increase Sales

- Baking Factories, Bakeries
  - Recreated application
  - Improved GUI
  - Improved key support
- More sales

**OPTIback2**  
Die neue Generation von **OPTIback**®

The screenshot displays the OPTIback2 software interface. The main window shows a 'Bedarfsübersicht' (Requirements Overview) table with columns for 'Artikel-Nr.', 'Kurzbez.', 'Bedarfsmenge', 'Liefertermin', and 'Erfassungsdatum'. Below this, there is a 'Lieferanten ändern' (Change Supplier) section with fields for 'Lieferanten-Nr.', 'Baklo', 'Lieferart-Nr.', 'Aprikosen 1/1', 'Bestellmenge', 'Nettopreis', 'Erlöspreis', 'Vgl-Preis', and 'Bevorzugt'. At the bottom, there is a table with columns for 'LI-Nr.', 'Kurzbez.', 'Lief.Art.-Bez.', 'Menge', 'Vgl-Preis BvZ', 'Bruttogr.', and 'Nettopr.'.

Artikel-Nr.	Kurzbez.	Bedarfsmenge	Liefertermin	Erfassungsdatum
50010	Weizen 550	3.000,000 KG	04.08.2008	28.07.2008
50045	Zucker	300,000 KG	04.08.2008	28.07.2008
50055	Jodsalz	200,000 KG	04.08.2008	28.07.2008
50504	Butter kg	50,000 KG	04.08.2008	28.07.2008
50509	Aprikosen	13,300 KG	04.08.2008	28.07.2008
50999	Schälapfel	60,000 KG	04.08.2008	28.07.2008

LI-Nr.	Kurzbez.	Lief.Art.-Bez.	Menge	Vgl-Preis BvZ	Bruttogr.	Nettopr.
1	Baklo	Aprikosen 1/1	576,00	0,0000	4,4000	0,0000
1	Baklo	Aprikosen 3/1	192,00	0,0000	13,1000	0,0000
2	Müller GmbH	Aprikosen halb 1/1	504,00	0,0000	4,7000	0,0000
2	Müller GmbH	Aprikosen halb 5/1	192,00	0,0000	22,0000	0,0000

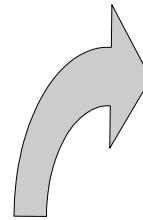
# AVG – GUI against SAP

- Hospital Chain
  - Strong pro SAP Group
  - Create rich GUI
- Electronic Patient File

Elektrolyte	Einheit	Nennbereich	47527899	47527899	47527899	47527899	47527899
Kalium	mmol/l	3,3 - 5,4	3,91				Keine Suchschonung vorhanden!
Natrium	mmol/l	130 - 145	144				142
Gerinnung							
INR		1,4	1,5	1,4	1,4	1,4	1,4
Antifibrinolyt	%	80 - 120					76,3
Prot. Thromboplastinzeit	sek.	20 - 50	41	54,1	45	45	49
Dilatwert	%	52	52	52	56	56	57
HämatoLOGIE							
Leukozyten	ppw/l	4,0 - 10,0	7,9	6,2	9,2	6,5	10,3
Thrombozyten	ppw/l	160 - 500	479	323	203	215	215
Hämoglobin	g/dl	12 - 17	10,8	9,4	10,3	9,2	11,8
Hämatokrit	%	33	33	30	30	30	34

# Hapag Lloyd – Fast Migration

- Large Shipping Company
  - Sources used includes strongly
  - Migrated to OF-1
- Migration: 25% of build time



Arrival Date	Time	Arrival Port	Departure Date	Time	Departure Port
02.01.2003	07:46	HAMBURG	03.01.2003	00:00	HAMBURG
03.01.2003	16:42	HAMBURG	04.01.2003	00:00	SOUTHAMPTON
05.01.2003	16:46	SOUTHAMPTON	06.01.2003	00:00	NEW YORK, NY
13.01.2003	06:30	NEW YORK, NY	13.01.2003	22:00	HORFOLK, VA
14.01.2003	16:42	HORFOLK, VA	14.01.2003	04:36	CHARLESTON, SC
16.01.2003	06:30	CHARLESTON, SC	16.01.2003	19:00	NEW YORK, NY
18.01.2003	06:30	NEW YORK, NY	18.01.2003	06:30	SOUTHAMPTON
25.01.2003	16:36	SOUTHAMPTON	26.01.2003	00:00	LE HAVRE
27.01.2003	07:00	LE HAVRE	27.01.2003	21:00	ROTTERDAM
30.01.2003	10:46	ROTTERDAM	29.01.2003	09:00	HAMBURG
30.01.2003	11:12	HAMBURG	31.01.2003	14:48	CHARLESTON, SC
09.02.2003	11:00	CHARLESTON, SC	09.02.2003	03:00	CHARLESTON, SC
09.02.2003	06:30	CHARLESTON, SC	10.02.2003	14:00	MIAMI, FL
13.02.2003	16:36	MIAMI, FL	12.02.2003	12:30	HOUSTON, TX

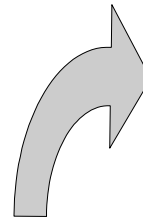
Arrival Date	Time	Arrival Port	Departure Date	Time	Departure Port
16.01.2003	06:30	CHARLESTON, SC	16.01.2003	16:00	NEW YORK, NY
16.01.2003	06:00	NEW YORK, NY	19.01.2003	06:30	SOUTHAMPTON
25.01.2003	16:36	SOUTHAMPTON	26.01.2003	00:00	LE HAVRE
27.01.2003	07:00	LE HAVRE	27.01.2003	21:00	ROTTERDAM
30.01.2003	10:46	ROTTERDAM	29.01.2003	09:00	HAMBURG
30.01.2003	11:12	HAMBURG	31.01.2003	14:48	CHARLESTON, SC
09.02.2003	11:00	CHARLESTON, SC	11.02.2003	12:00	MIAMI, FL
09.02.2003	11:00	CHARLESTON, SC	14.02.2003	12:00	MIAMI, FL
14.02.2003	11:00	MIAMI, FL	15.02.2003	16:00	HOUSTON, TX
16.02.2003	11:18	HOUSTON, TX	17.02.2003	07:00	CHARLESTON, SC
20.02.2003	05:42	CHARLESTON, SC	20.02.2003	06:00	ROTTERDAM
06.02.2003	06:12	ROTTERDAM	07.02.2003	01:00	HAMBURG
07.02.2003	11:36	HAMBURG	30.01.2003	19:00	ROTTERDAM
07.02.2003	12:12	ROTTERDAM			





# Ulukom – Dynamics Migration

- Solution for logistic companies
- Use existing business logic
- Migrated to OF-1



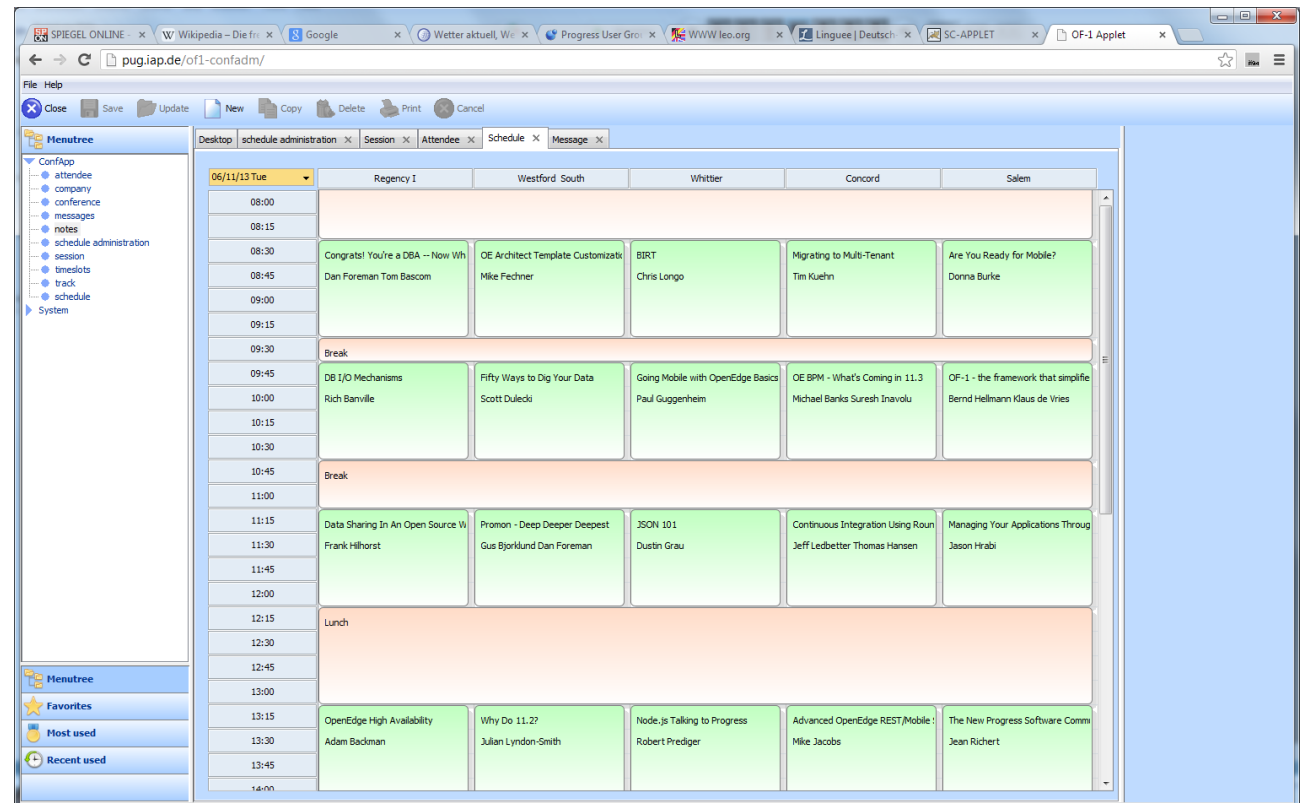
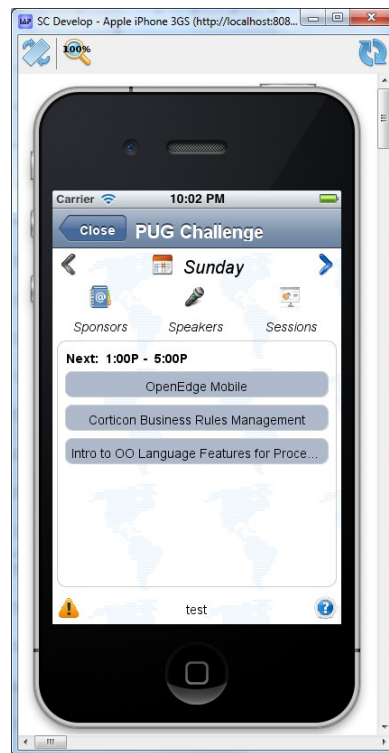
The left screenshot displays a 'Yeni ÖZBY Giriş' (New ÖZBY Entry) form. It includes fields for 'Dosya No' (2010/00000553), 'Beyan Türü' (DENİTH), 'Rejim' (İthalat), 'Tayma Şekli' (10), 'Dosya Tarihi' (19/01/2012), 'Tayma Senedi Adedi' (3), 'Tayma Tarihi' (Deniz), 'Gümrük İdaresi' (067777), 'TEST GÜMRÜK MÜ', 'Ref No/Tescil No' (1234320008000000482), 'Belge Sayısı', 'Karne Kodu' (İKER PAKTEN), 'Tescil Tarihi' (31/05/2012), 'Tescil Saati' (09:2), 'Beyan Sahibi' (0700014399), 'Sorumlu' (0700014399), 'Taahhüt Adı' (İBRAHİM DEDE), 'Yük Ülk. kodu' (400), 'Bileşik Devletler' (NEWYORK), 'Plaka Sefer No' (236120), 'Yükleme Limanı' (00405), 'TÜRKİYE', 'Taahhüt Uzunluğu' (824), 'MARŞAL ADALARI', 'Boşaltma Ülk. kodu' (052), 'TÜRKİYE', 'Tr ATA Karne No' (Kurye), 'Boşaltma Limanı' (00143), 'İSTANBUL', 'Dorse 1' (Highgh), 'Vary Çıkış Gümrüğü' (0700014399), 'Dorse 2', 'Vary Tarihi' (09/04/2012), 'Referans Numarası' (3365843), 'Vary Saati' (00:00), 'Önceki Beyan No / Ana Konjimento No', 'Açıklama', 'Grup Tayma Senedi No', 'Dahil No DSO' (123431000/0000527821), 'GD Beyanlar Tarihi' (16/04/2012), 'GD Süresi' (31/05/2012). At the bottom, there are buttons for 'Tayma Saneleni', 'ÖZBY Basım', 'ÖZBY EK-10 Basım', 'Forwarder Export', 'Forwarder Import', 'Excel Export', 'Excel Import', 'Gümrük e-imza', and 'Hata Bildirisi'.

The right screenshot shows a 'Çıktı Beyan' (Export Declaration) window. It features a 'Menütree' on the left with a tree structure including 'Ulukom OpenEdge Area Menü', 'Nabız', 'Çıktı Transaktsiyonları', 'Çıktı Beyan', 'Ulukom Raporatör Menü', 'Gümrük', 'Konteyner', 'Lipile', 'YGMS', 'Arıncı', 'Depo', 'Nüfus Donatıları', 'CDS', 'Sistem', 'Çat Kart Filtre', 'Depo', 'Çıktı Raporatör', 'Raporatör', 'Kurye', 'Modül', 'Form Parametresi', 'Masa Kayıtları Oluşturma', 'İv. Bekle Durakları'. The main area contains a table with columns: 'Dosya No', 'Dosya Tarihi', 'Tescil No', 'Tescil Tarihi', 'Tayma Türü', 'Eyalet', 'Referans numar.', 'Plaka'. Below the table, there are fields for 'Tayma Senedi', 'Sıra No', 'Ülke Kodu', 'Konteyner', 'Raporatör', 'Dilek', 'Limn Kodu'. At the bottom, there are fields for 'Önceki Sefer Tarihi', 'Önceki Sefer No', 'Grup', and 'Ambar Harici'.



# PUG Challenge Americas ConfApp

- Administration Tool
- Manage backend data





**Questions?**



**Bernd  
Hellmann**



**Klaus  
de Vries**