

Please evaluate
my talk via the
mobile app!



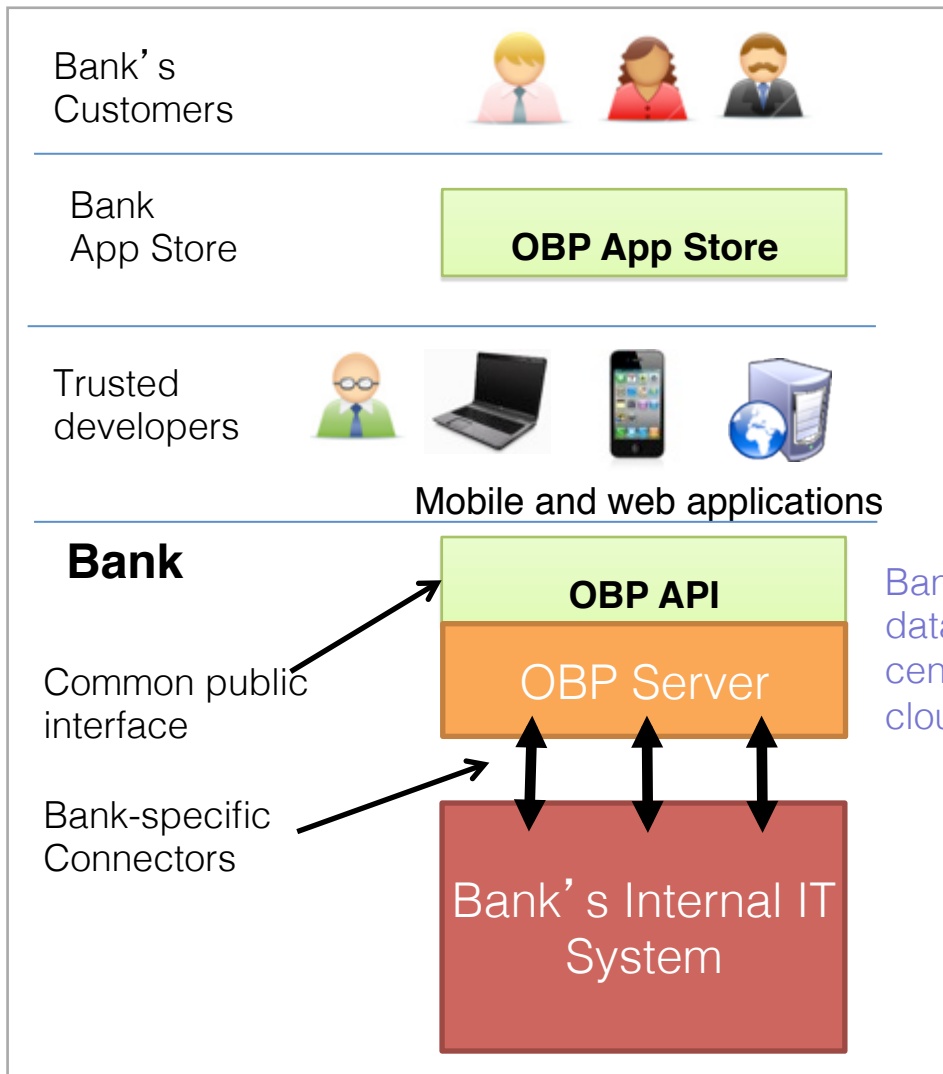


OPEN@BANK PROJECT

Open Source API and App Store for Banks

Bank as a platform

Open innovation Ecosystem



✓ **Customers** enjoy a much greater choice of high quality and secure services

✓ **Developers** have easy access to banking data and trusted services

✓ **Banks** instantly offer new apps and services faster, cheaper and securely whilst retaining data control and remaining the main customer touch point

91



78



40



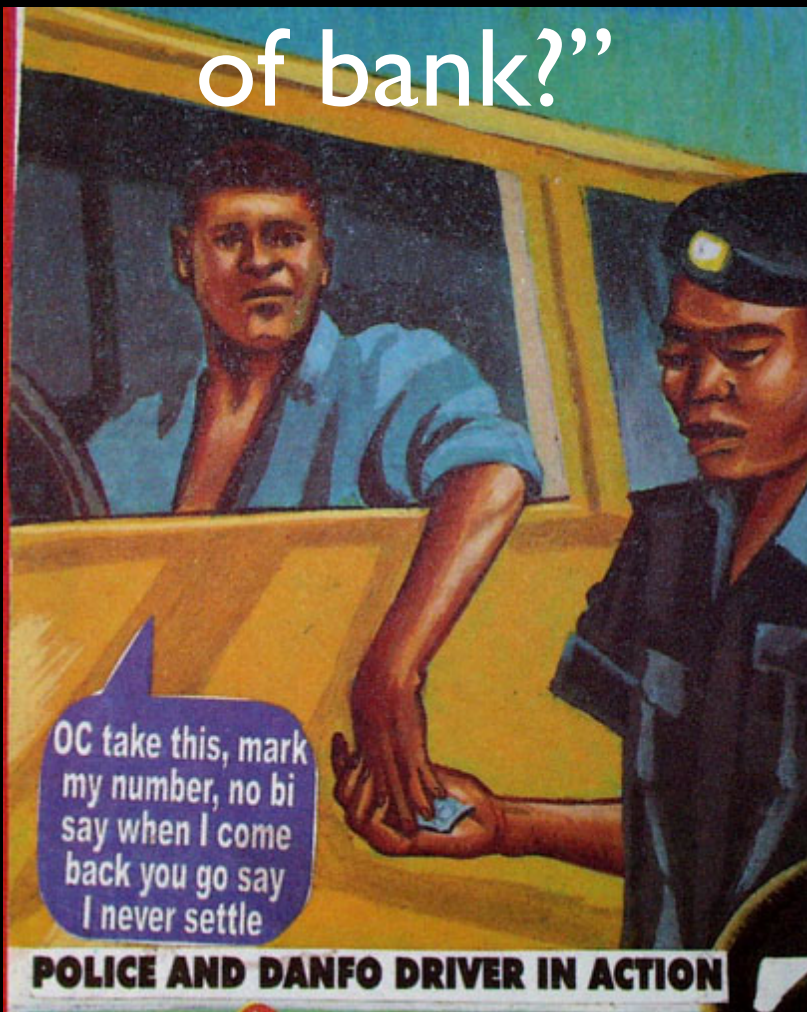
25



25



2005 “corruption
... hmm what
about a new type
of bank?”



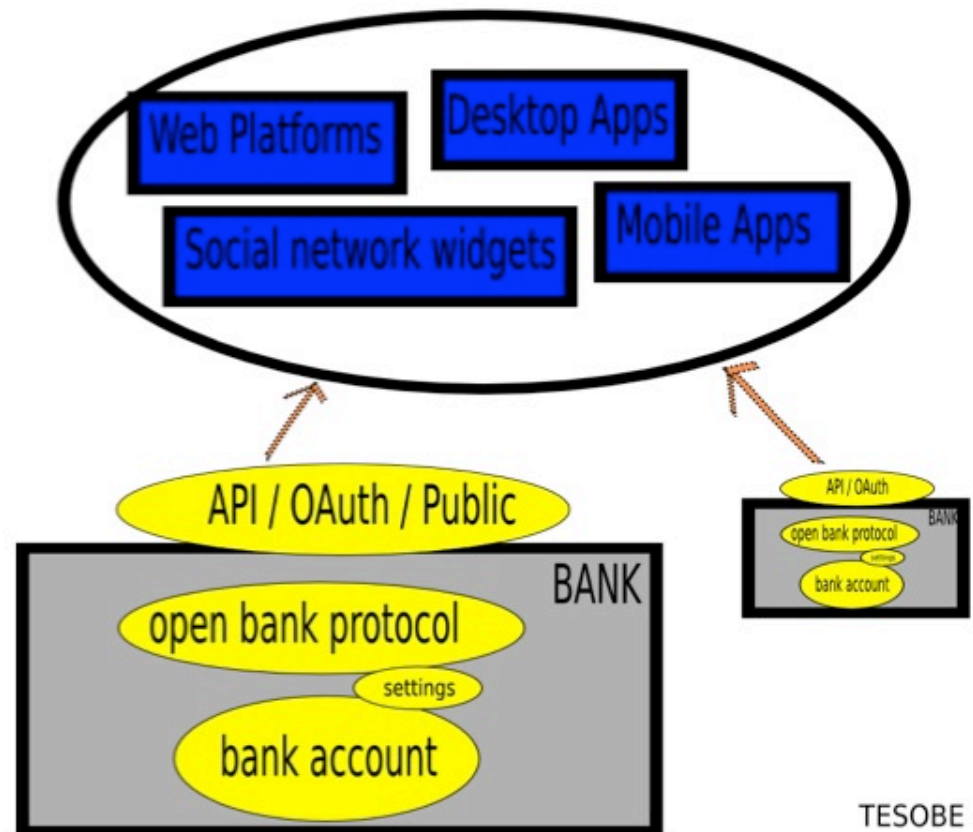
2008 in Athens,
“there’s so much corruption here”



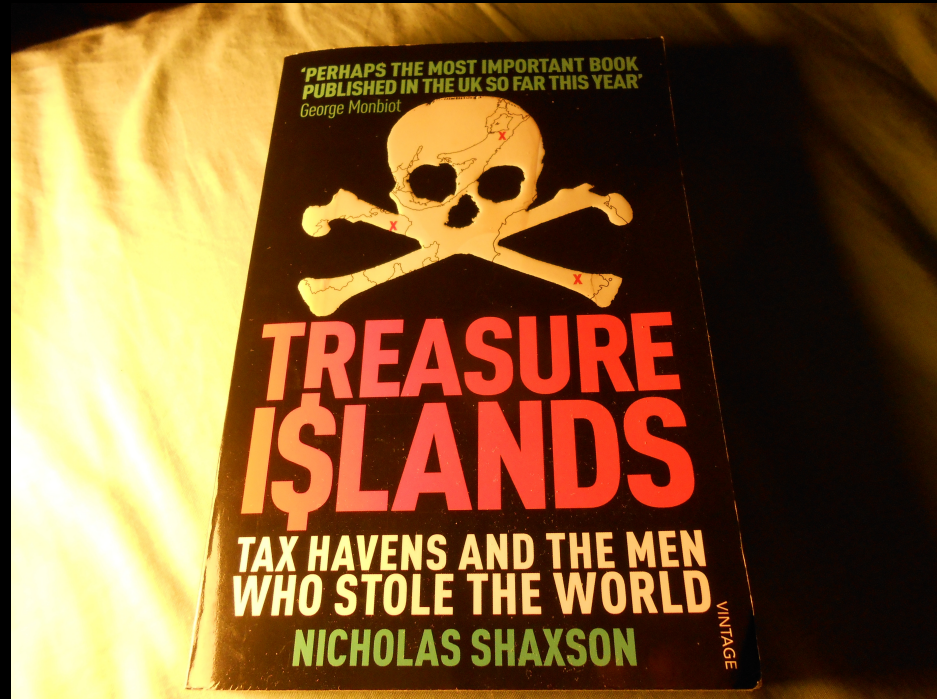
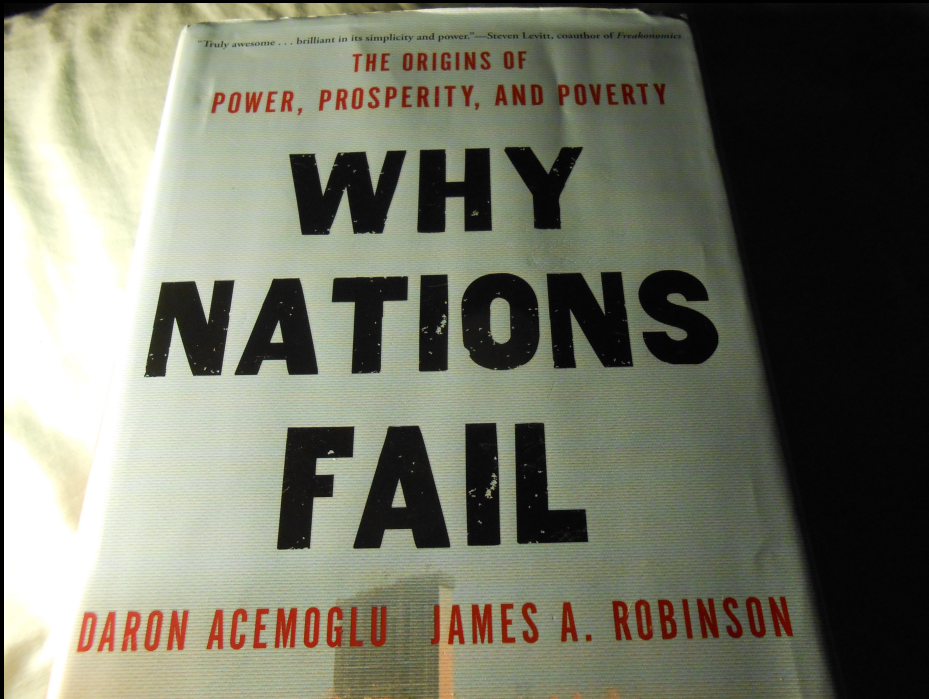
Open Bank Project

Opening up banking transactions.

- Apply Web 2.0 / open source like approaches to the world of banking transactions.
- Define a set of data access and API standards that would facilitate public and authorized access, searching and cross-linking of financial transactions.
- Benefits such as transparency, external scrutiny and accountability would emerge - and with them a swathe of applications that securely expose financial data that is more normally locked away.



- Why Needed? Corruption, Money-Laundering, Fraud, Malpractice!
- The IMF has estimated money-laundering levels at between 2 and 5% of the worlds gross domestic product!
- 78% of European citizens consider corruption to be a major problem in their country.
- It is estimated that 30-100 Billion Euros are lost to fraud and corruption each year in Europe.



Extraction

€€€€€€

Corruption

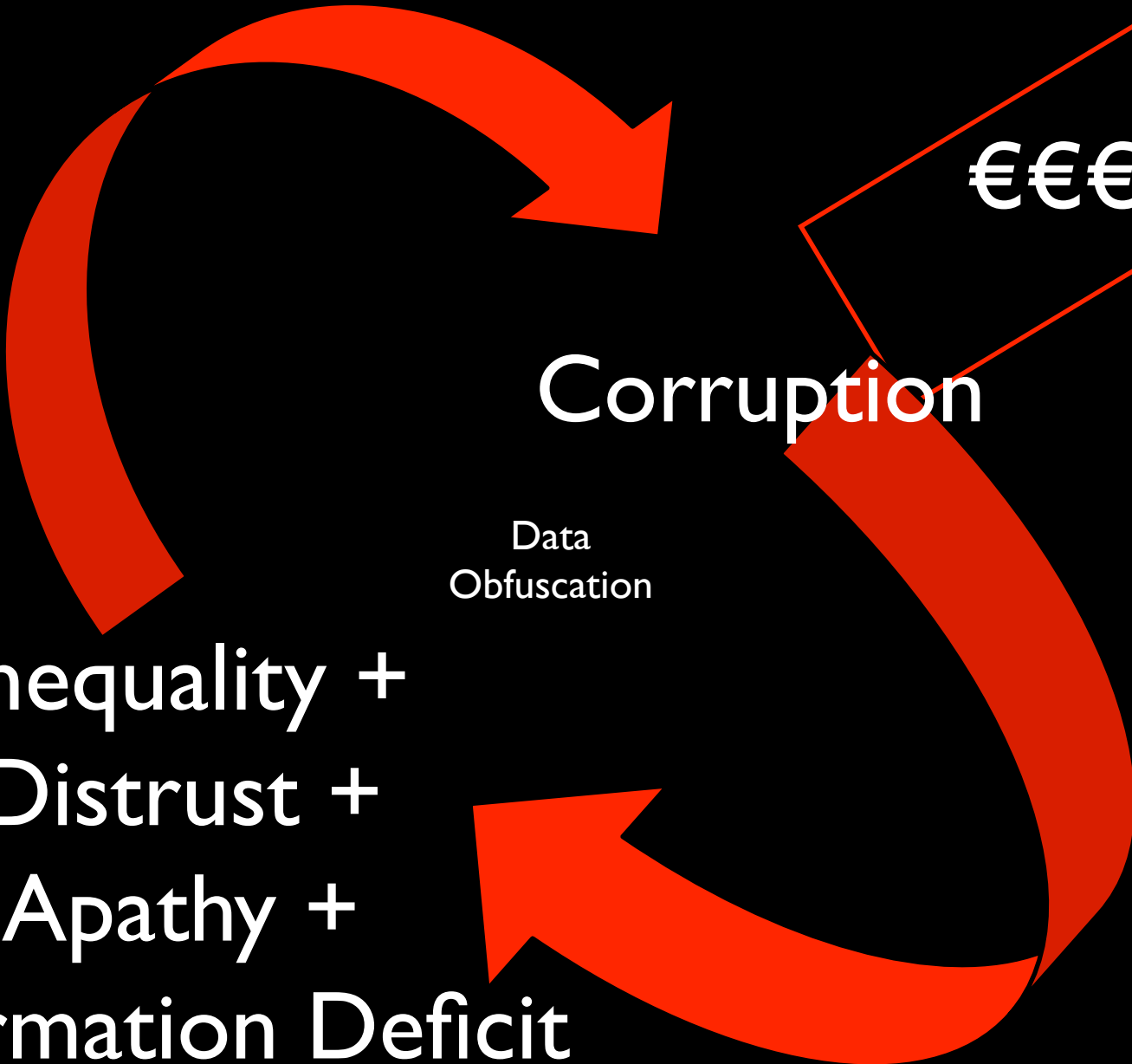
Data
Obfuscation

Inequality +

Distrust +

Apathy +

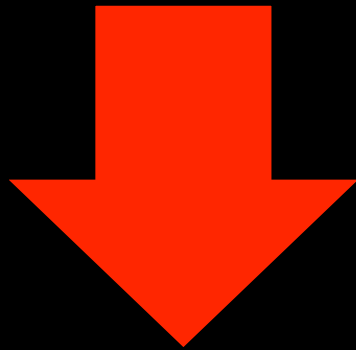
Information Deficit



Corruption and Fraud

Europe:

> €30 Billion / year



Distrust in State



Foreign Aid

Charities

Corruption is Iraq's latest enemy

By Richard Engel, NBC News Chief Foreign Correspondent



BEIRUT, Lebanon – I remember it was an almost moonless night

Why Foreign Aid has Failed to Develop Africa

Corruption, Exploitation and Unfair Trade are Main Reasons

Mar 27, 2009 [Sulemana Braimah](#)



Results of Aid Corruption in Third World - world poverty.org

African countries receive millions as aid from donors, but the continent remains poor. Several reasons account for the failure of aid in Africa.

The reasons for the failure of international aid to Africa may be complex, but analysts say the major reason is corruption on the part of African leaders. Another reason often cited, is the unfair trade practices of the developed countries which practice continue to make Africa

weak.

Continued poverty

Other reasons include the lack of strict monitoring of most donor-funded projects in Africa and the lack of involvement of beneficiary communities in donor-funded development projects.



Poverty charity boss driving Maserati



Financial Malpractice

LEHMAN BROTHERS
Industry Investment services
Fate Chapter 11 bankruptcy

Bank of Credit and Commerce International



Industry Banking
Fate Liquidation / Forced Closure
Defunct 1991
Headquarters London (incorporated in Luxembourg)

Enron Corporation



Type Defunct / Asset-less
Formerly public
Industry Formerly energy
Founded Omaha, Nebraska, 1985

BBC Mobile News Sport Weather Travel TV

NEWS EUROPE

Home UK Africa Asia-Pac Europe Latin America Mid-East South Asia US & Canada Business

21 September 2010 Last updated at 16:49 GMT

Vatican Bank 'investigated over money-laundering'

The head of the Vatican Bank, Ettore Gotti Tedeschi, is under investigation as part of a money-laundering inquiry, police sources say.



7 September 2010 Last updated at 09:14 GMT

Kabul Bank shareholders' assets

Afghanistan's central bank has frozen the assets of Kabul Bank's key shareholders, including the ex-chairman and chief executive, reports say.

...ner of one of the country's vice presidents is among news reports from Reuters have said.

...nk, whose customers include 250,000 government



The Anglo Irish Bank was getting close to running out of money

Distrust in Banks & Instability

Democracy

needs

(Cool) capitalism *which needs*

the right conditions:

State, taxation, access to markets, competition, curbs on monopolies...





...no dicitur in ministerio regis

1360-1375



...ant. eorum sic dicitur in...

1381



... au ... lui estoient et muoit estre

API growth

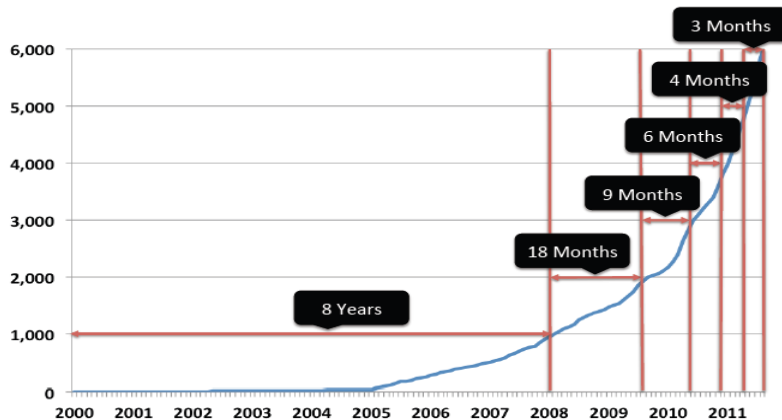


Why do we need a Web site?

Of course we have a Web site

Why do we need an API?

Of course we have an API



API growth rate

Based on directory of 6,000 web APIs listed at ProgrammableWeb, May 2012

“We believe that the Open Bank Project will be appealing to developers because of the ability to build an app that can then be used by any bank or customer.”

Kristin Moyer,

Research Vice President, Banking & Investment Services, Gartner

Source: [Hype Cycle for Open Banking, July 2013](#)

In the future, every bank will have an API



OPENBANKPROJECT

Connect your bank to
multiple Apps =>

Innovation, Quality,
Choice + Surprises.



`{"singing": "bank"}` @OpenBankProject

Singing transactions! (latest data)



- -1.45
- -207.99
- -3000.00

Money Journey

Visualizing transactions with Open Bank Project data



Search...

- Banco do Brasil
 - Sao Paulo - Madrid
 - Sao Paulo - Miami
-
- Banco do Brasil
 - John Lazarus
 - Sao Paulo - Madrid
 - Sao Paulo - Miami
 - Sao Paulo - Pisco

ORIGIN

Account

Holder:

John

Lazarus

Account

Number:

0580591101

Status:

Active

IBAN:

12345678

Bank

Identifier:

BR

Bank

Name:

BANCO

DO

BRASIL

DESTINATION

Account

Holder:

John

Smith



OPENBANKPROJECT

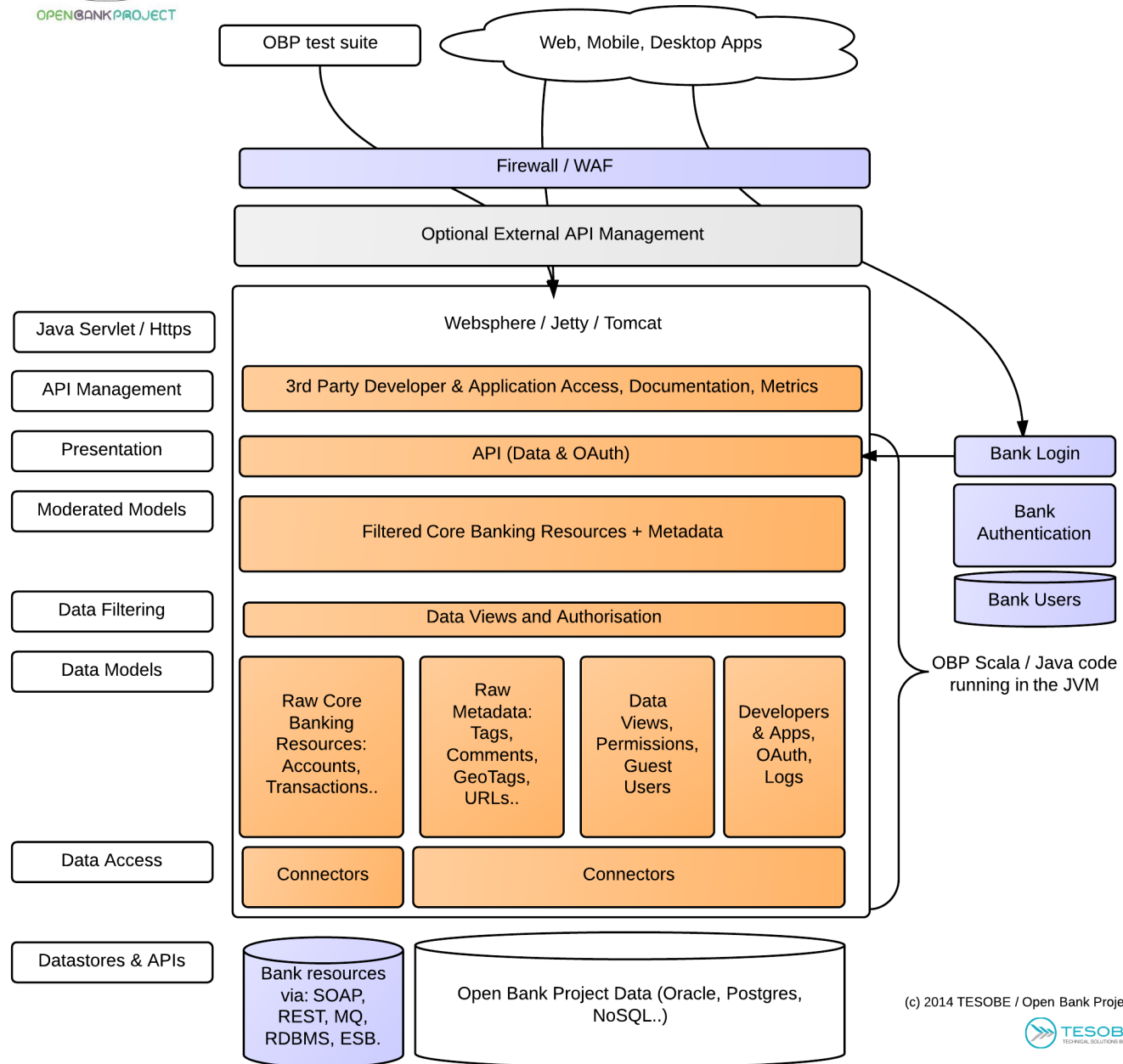
Sliding scale of
Privacy and
Disclosure

+ Metadata





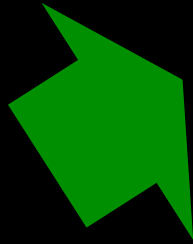
Open Bank Project Architecture, March 2014





OPEN@BANKPROJECT

- Financial dialogue (comments)
- Demonstrate and ensure value for money
- Engage donors & recipients
- Build trust relationships



NGOs &
Charities

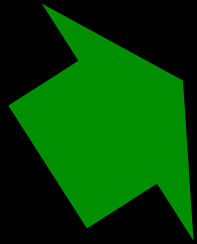


IACC
HACKATHON



OPEN@BANKPROJECT

Better value, accountability & engagement
e.g. Procurement / Foreign Aid
More trust -> Healthier democracies

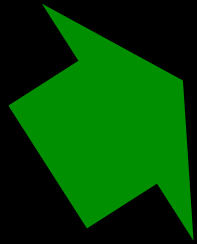


Governments



OPENBANKPROJECT

- Open Book Accounting (Internal / External)
- Engage with Customers & Shareholders
- Demonstrate value (e.g. Eco) policies



Companies

Social Business

“OBP offers us a tool to communicate the spirit of our company to our customers:

100% commitment to transparency and accountability”.

Felix Worth, CEO Fair-No-Poly



FAIRNOPOLY

dreh' das Spiel um

Share my financial data with different groups of people

Tesobe main account

September 03, 2012 Balance €6492.80

← - €839.03 Evi (Alias) 


Access my account data in different interfaces


August 31, 2012 Balance €7331.83

← - €100.00 Music Pictures Ltd. 

Comment and add images to transactions


August 30, 2012 Balance €7454.76


← - €22.93 QSC AG MATHIAS-BRUEGGEN-STR. 55 



QSC_{AG}
Ihre Premium-Alternative

Internet Connection

← - €84.36 QSC AG MATHIAS-BRUEGGEN-STR. 55 



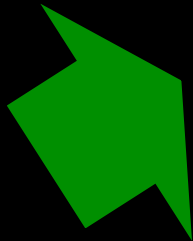
QSC_{AG}

Internet Connection



OPENBANKPROJECT

- Use cool / niche interfaces (German account in Arabic, Interface for the blind)
- Choice of personal finance management systems
- Share transactions with other banks to get loan



Individuals



Speaking...



Papyrus



Skype



Twitter



QRcode Sc...



OPENBANKPROJECT

SAFE TO SPEND

Elaine Smith € 8183.35

45582983 3674624

Statement Update
07/03/13 14:35

BALANCE € 8193.35



Tag

KNAPPSCHAFT-BAHN-SEE -102.



Tag

RADSPORT-CHRISTOPH GMBH -4



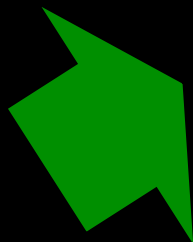
Tag

Hetzner Online AG -534.99



OPEN@BANKPROJECT

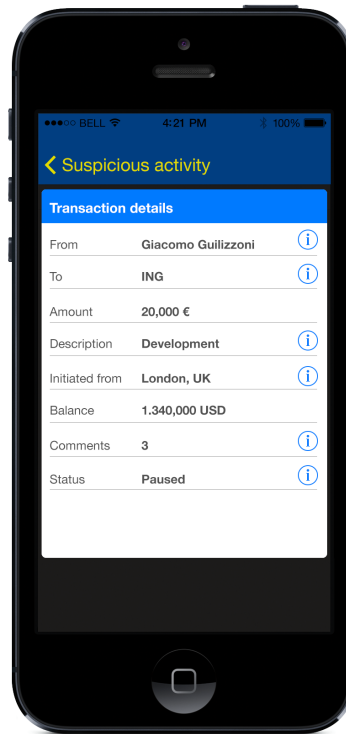
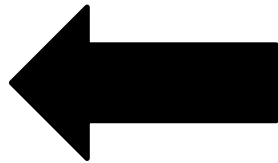
- Build Ecosystem!
- Leverage core services and data
- Improve customer experience (only 49% consumers happy *)
- Innovate on AML / KYC / Anti Fraud



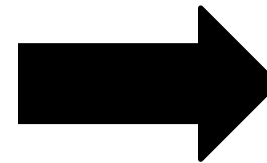
Banks

Regulatory Detective

Swipe Left to
flag as
Suspicious



Swipe Right to flag
as OK

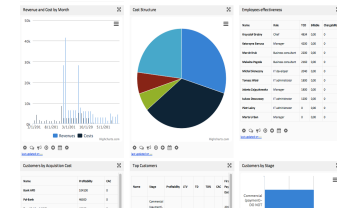
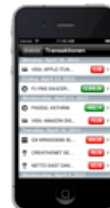


Bank / company teams can easily allay/confirm suspicions regarding transactions using their mobile phone

Ecosystem



Category	Name	Description	Produced by
Accounting	Kashflow	UK Leading accounting Software for SMEs	Kashflow
	Momentum	Business Analytics for SMEs	BCMLLogic
PFM	Money Garden	Personal finance management solution	MoneyGarden
Data Visualisation	Money Journey	Displays financial flows on a 3D globe	Independent developers
CSR	Social Finance	Financial Transparency for Non-Profits	TESOBE
	Cash Track	Financial Transparency for cash payments.	Transparency International
Customized User Experience	Speaking Bank	Banking for the visually impaired (mobile)	TESOBE
	Banking Banquet	Different user interfaces according to the user's preference (tablet)	TESOBE
Regulation	Regulatory Detective	All in one AML, KYC, Anti Fraud for mobile	TESOBE (WIP)





OPEN@BANKPROJECT

Open Source

Developer friendly
Trustable
Value for money

26 mins



<https://github.com/OpenBankProject/OBP-API>



BERLIN

June 25th, 2011



Osloer Straße 16 / 17, Wedding

An *unconference* fostering **innovation**
and the creation of
new business models in the world
of **banking and finance**

<http://barcampbankberlin.eventbrite.com/>
<http://openbankproject.com/>

HERE!

Bank Balance

+

-









omfortissimo

69%

SA 28.07. 16

OLYMPIASTADION | U

DE T
SURL
VEDNET
WE RUC



JAVASCRIPT FOR THE WORLD WIDE WEB
Learning Java
Oracle Database 10g New Features


AJAX HACKS
Effecting Oracle
Head First

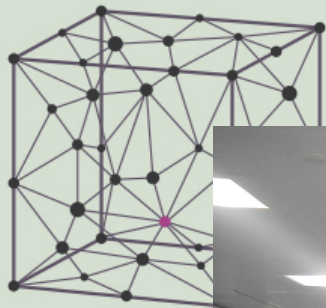
WINDOWS NT SHELL SCRIPTING
HTML with CSS & XHTML

Oracle Tuning
The Definitive Reference

“Lift: I like Lift's css selector forms, which are used to fill in values in a template.

Scala: I'm a big fan of map, flatMap, filter, takeWhile, etc. (all the fun functions on collections) that prevent me from getting distracted and annoyed from typing the boilerplate required to do similar things in Java.”

A person is holding a white sign in front of a dark background. The sign has two logos: on the left, a green logo with a downward arrow and the text 'SOCIAL MEDIA WEEK BERLIN'; on the right, a blue logo with a stylized 'T' and the text 'TEOBIT TECHNICAL SOLUTIONS BERLIN'.



HACK
-MAKE-
THE BA

Mutinerie
Libres assemble



OPENBANKPROJECT



MANGO
Payment for M



www.hackmakethebank.com

21st March

33 mins



Technology Accelerator at Canary Wharf

Banks are like countries

2013

Feb - Finovate, London

March - Hack Make The Bank #1, London

March - FinTech Innovation Lab Demo Day, London

April - Innotribe Startup Challenge , London

May - Future of Finance, London

July - Wired Money, London

September - OpenKnowledge Conference, Geneva

October - Lloyds Innovation Jam, London

October - Paypal Battlehack Hackathon, London

November - FinTech Forum Dach conference, Frankfurt

November - Building the Alternative Finance Movement,

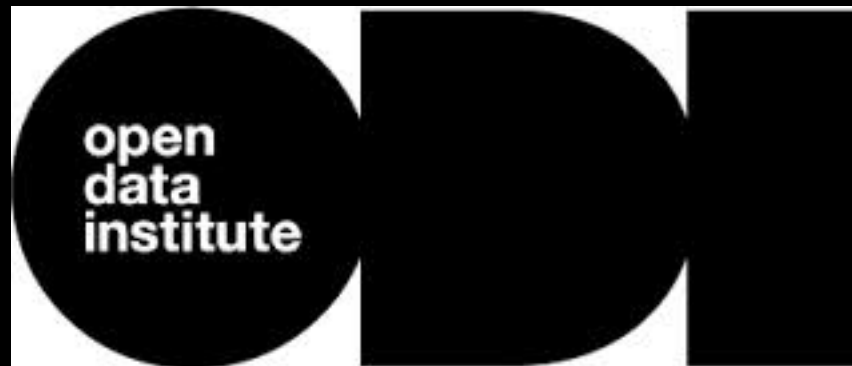
London

November - Hack Make The Bank Hackathon #2, Paris

December - API Days, Paris

Most helpful bank

Sorry, NDA





OPEN BANK PROJECT

The Open Bank Project is an open source API and App Store for banks that enables innovative apps & services for account holders and their stakeholders.

<http://www.openbankproject.com>



@OpenBankProject

Please evaluate
my talk via the
mobile app!



OPEN@BANK PROJECT

TESOBE

@simsysims

www.openbankproject.com

contact@tesobe.com

