

OpenID enabled New Zealand?

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Who am I?

- Marek Kuziel <http://kuziel.info/>
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- Member of OIDS <http://www.openidsource.org/>
- Board member OpenID Asia <http://openidasia.org/>
- OpenID.net.nz <http://openid.net.nz/>
- OpenID.co.nz <http://openid.co.nz/>
- OpenIDEnabled.net.nz <http://openidenabled.net.nz/>

What am I going to talk about?

Introduction

What is OpenID?

How does OpenID work?

Demo

Concerns, Privacy, Usability

OpenID enabled New Zealand?

Introduction

We have many accounts
for websites, or web applications
that we use on the Internet
to access our emails, use social networks,
talk to our friends, check our bank accounts,
trade and pay for goods and services...

Introduction

...and how do we do that?

In many cases we use same credentials

Username: joe

Password: joe123

Introduction

And to make our life harder we have to

register for new accounts,

re-create our **profiles** everywhere,

remember all those usernames & passwords,

or someone snatches the username

we use everywhere else.

Introduction

This feels wrong! We need a solution.

Place(s) where we could log in with our **ID**
and that should be enough to gain access
to all our accounts everywhere else.

Single Sign On

What is an OpenID?

Decentralized Single Sign-On for the web

It allows you to use your **id** on multiple sites

Simple and very lightweight

It's flexible with regard to authentication

What is an OpenID?

Do you have an **OpenID**?

Do you have a website? **kuziel.info**

Do you have Yahoo! account? **yahoo.com**

Do you have a blog? **Blogger, Wordpress**

OpenID Providers - sites that help you to manage your **OpenIDs**

You can prove that the **OpenID is yours**

What is an OpenID?

Where to use an OpenID?

Post a comment on a blog

Edit a wiki page

Access to your website/social network

OpenID Relying Parties - sites allow to use OpenIDs to identify yourself

You have proved it's yours OpenID

What is an OpenID?

OpenID is an unique identifier (URL)

You can prove you have right to use it
using an **OpenID Provider** of your choice

So you can get an access to any

OpenID Relying Parties

How does OpenID work?

Marion Smith
marion.smith.name



How does OpenID work?



Sign in with your OpenID



Sign in

How does OpenID work?



Sign in with your OpenID



Sign in

How does OpenID work?



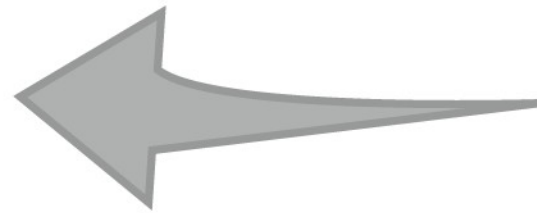
Sign in with your OpenID



Sign in



How does OpenID work?



marion.smith.name



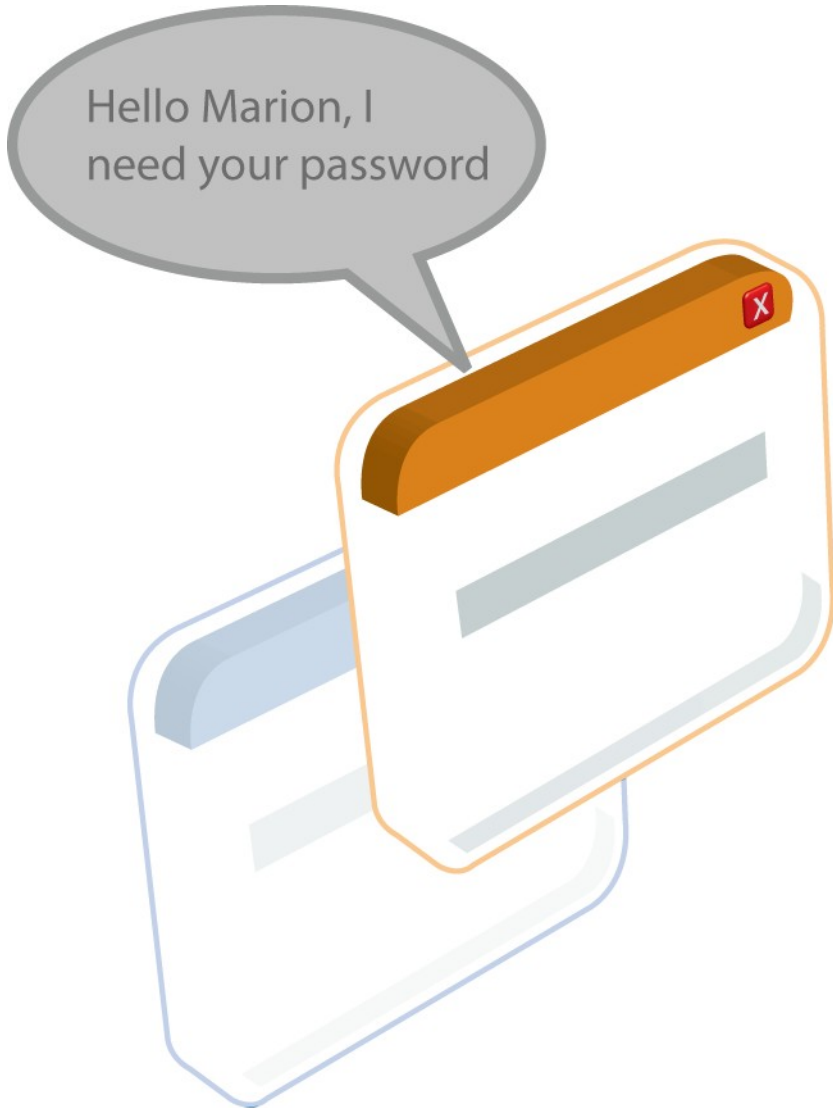
Sign in with your OpenID

Sign in

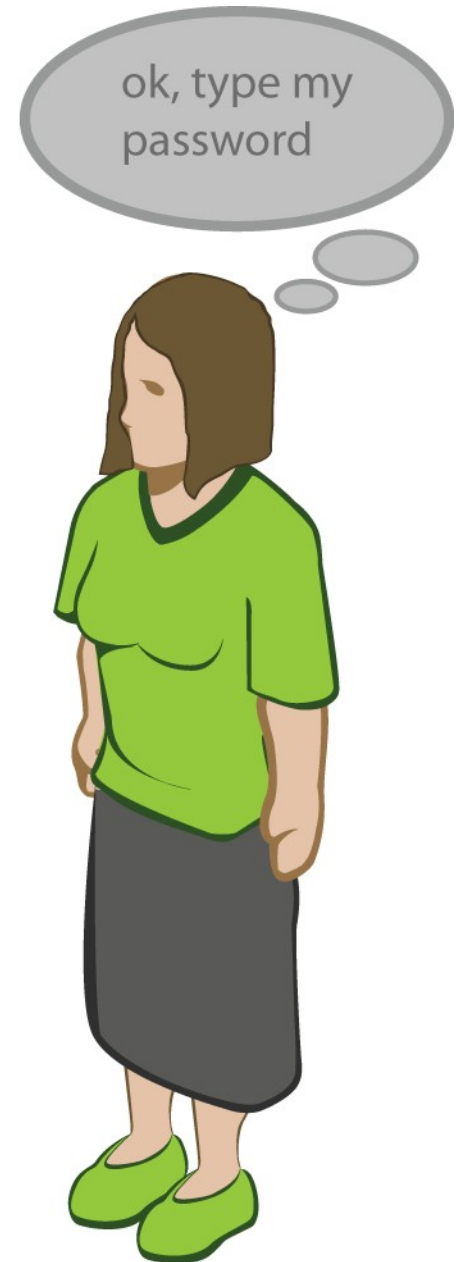
How does OpenID work?



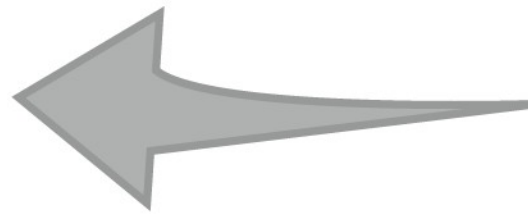
How does OpenID work?



How does OpenID work?



How does OpenID work?



password



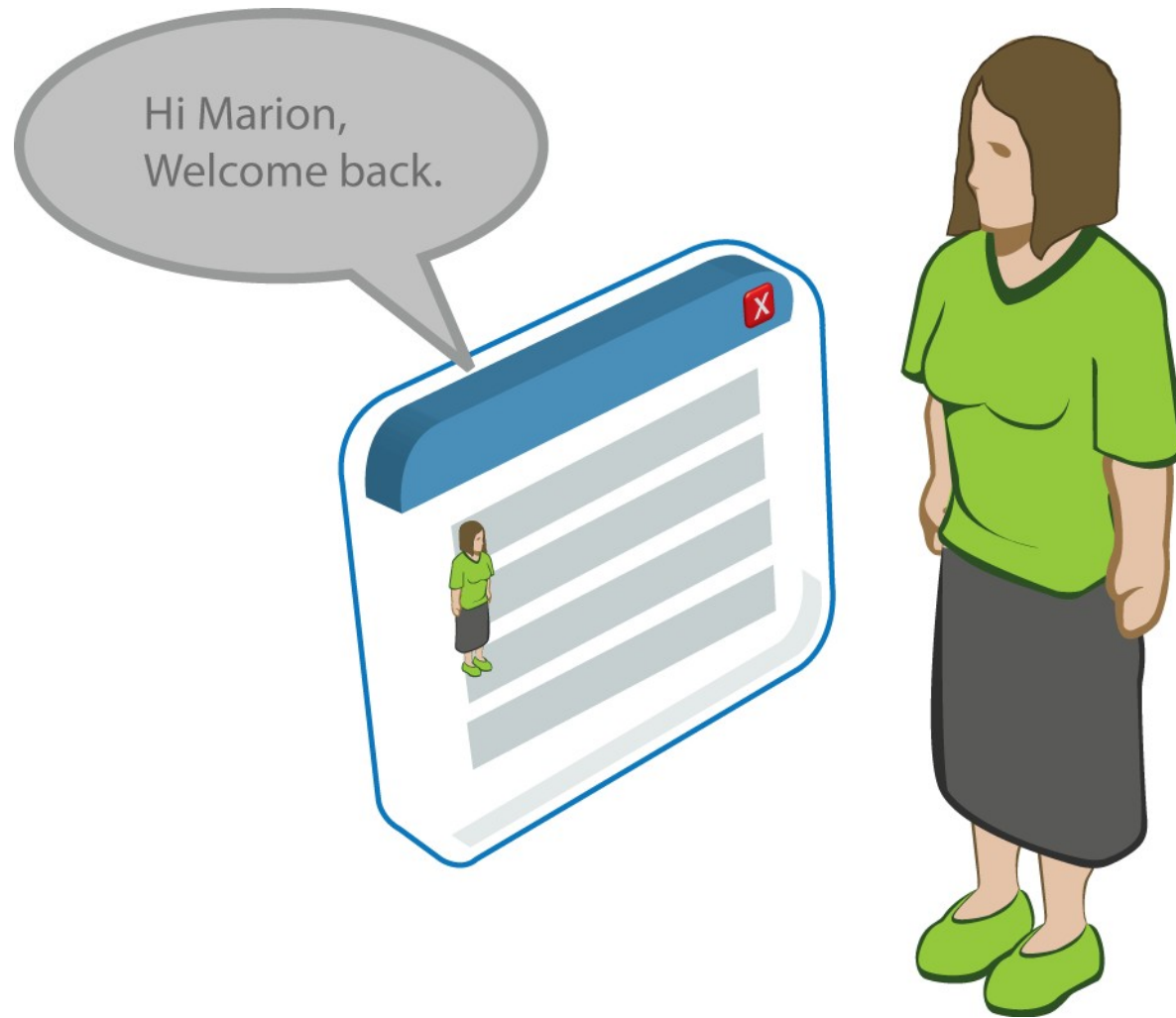
How does OpenID work?



How does OpenID work?



How does OpenID work?



DEMO

Concerns, Privacy, Usability

Privacy. **OpenID** only proves you own the ID

Security. Man-in-the-middle attack, Phishing

Trust. Choose an **OpenID Provider** you trust

It is decentralized which is an advantage and has disadvantages at the same time

Early implementations may not be ideal

OpenID Enabled New Zealand



Thank You!

Links

- <http://openid.net/> - find out more about OpenID
- <https://www.myopenid.com/> - popular OpenID Provider
- <http://en.wikipedia.org/wiki/OpenID>
- <http://www.openidenabled.com/> - resources for developers
- <http://openiddirectory.com/> - directory of OpenID Providers and Relying Parties