

# OpenID enabled New Zealand?

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# Who am I?

- Marek Kuziel <http://kuziel.info/>
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- 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?



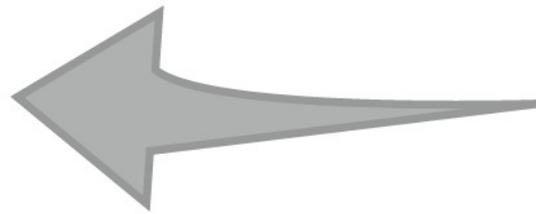
**Sign in with your OpenID**



Sign in



# How does OpenID work?



marion.smith.name



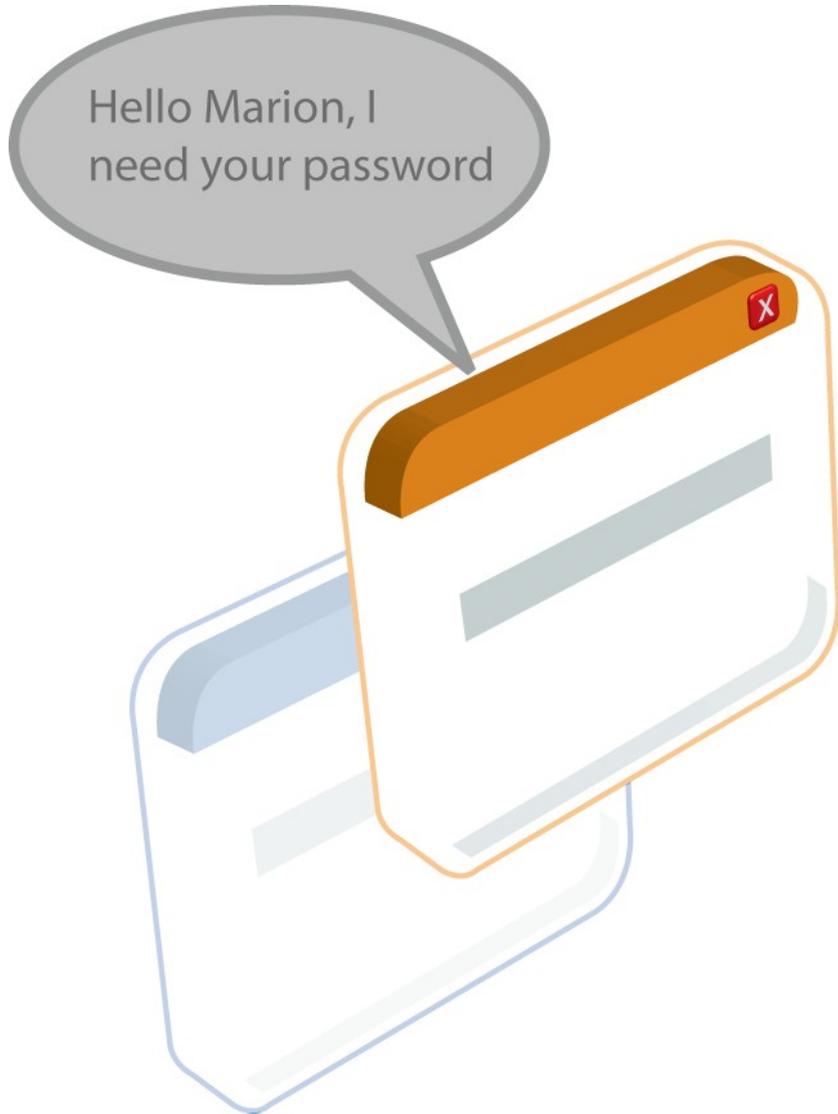
**Sign in with your OpenID**

Sign in

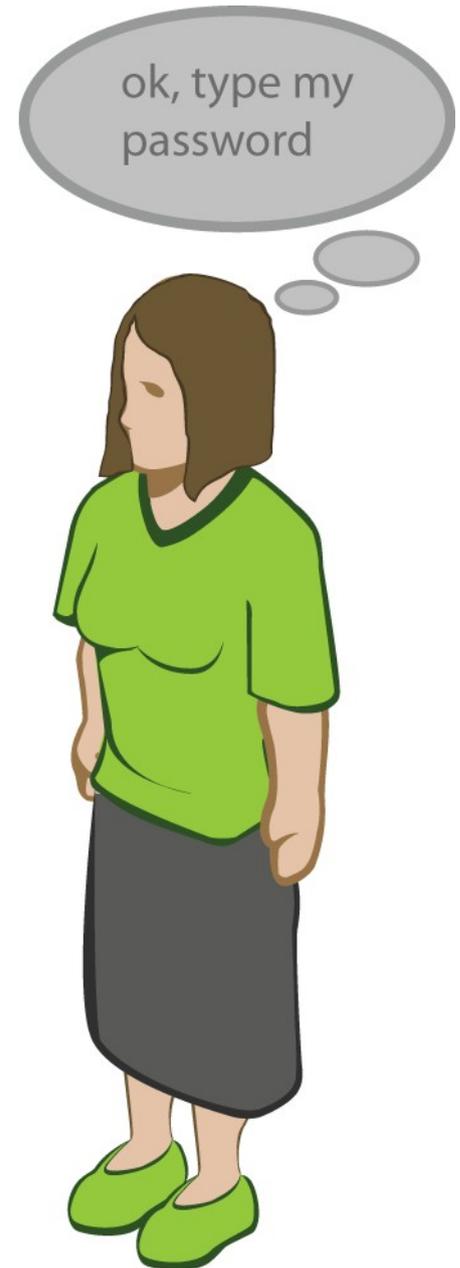
# How does OpenID work?



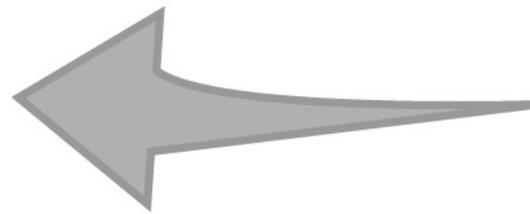
# How does OpenID work?



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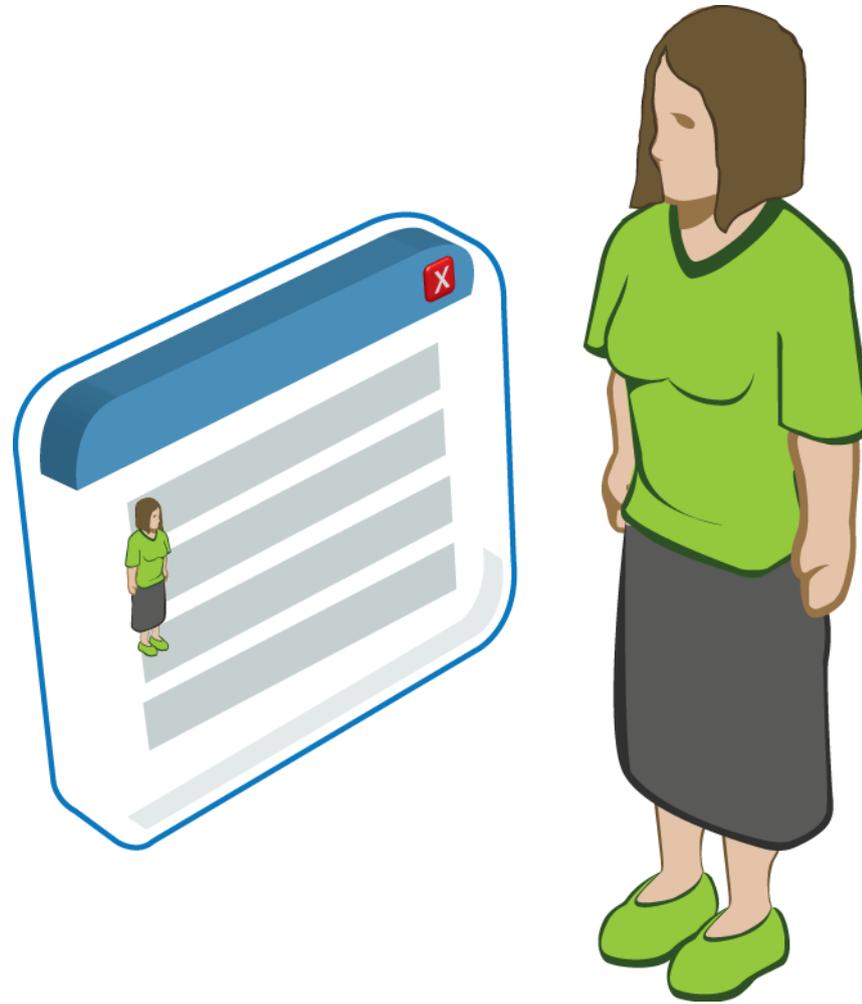
password



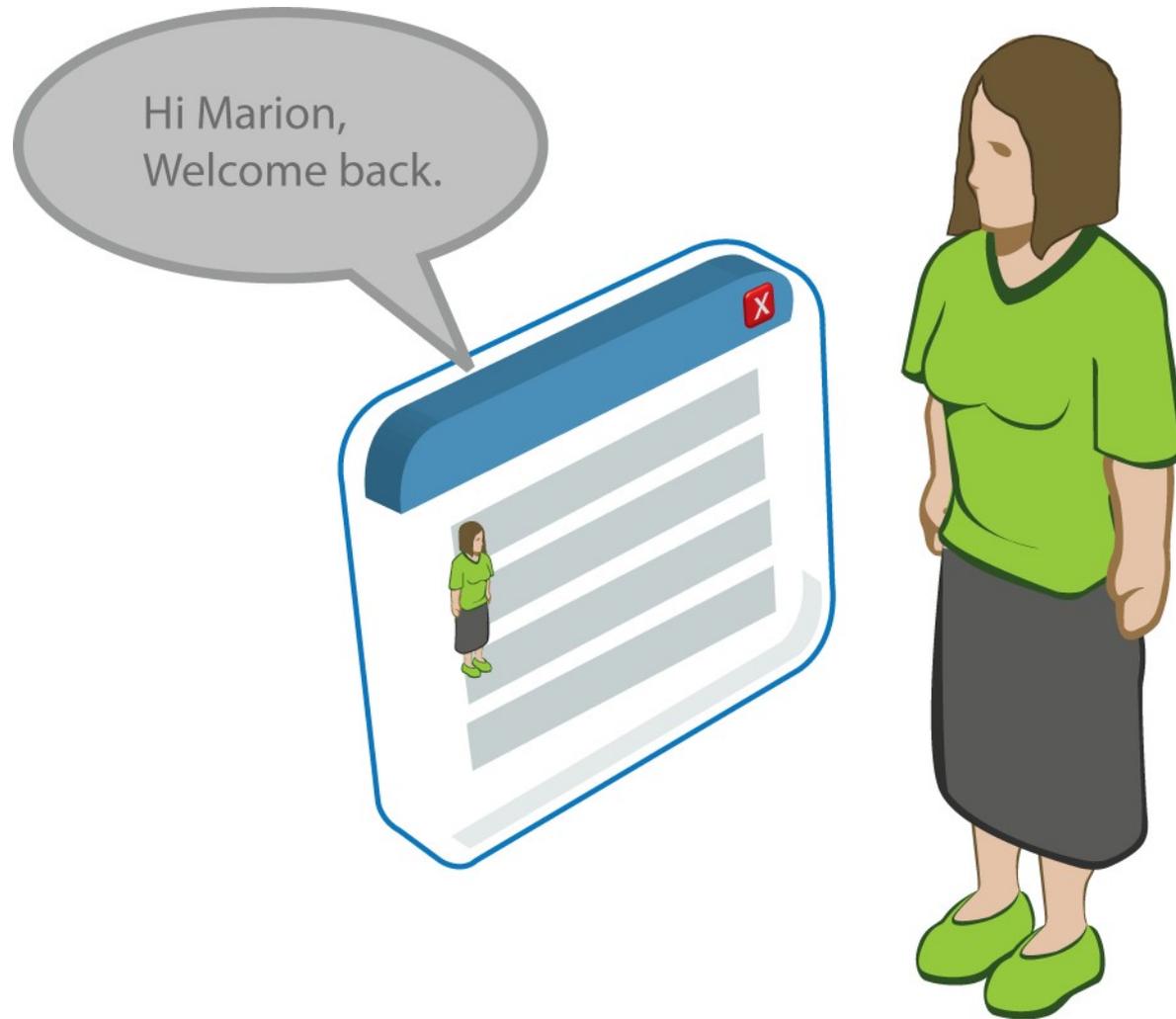
# How does OpenID work?



# 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