

# WEB 2

L2INFO

**WHO AM I ?**

# MICHEL MISSOTTEN

- Freelance
- Working as web developer
- Since 2009

# TECHNOLOGIES

- Web : Html / CSS
- PHP
- Java / Scala
- Adobe Flex

# I'VE BEEN WORKING FOR ...

- Kiabi
- Wid'op
- Chronodrive
- Auchan e-commerce
- ...

# WHAT ARE WE GOING TO TALK ABOUT ?

## WEB DEVELOPMENT

HTTP, HTML, CSS, PHP, JAVASCRIPT, MYSQL...

# HOW ARE WE GOING TO DO THAT ?

- 48 hours
- by 3 hour split
- lots of coding !

- 2 hour table exam
- A few homework exercises
- A big project !



**ONCE UPON A TIME...**

**THERE WERE COMPUTERS**

**WHEN SUDDENLY...**

**A COLD WAR APPEARS !**

- **NASA:** National Aeronautics and Space Agency
- **DARPA :** Department of Defense's Advanced Research Projects Agency

# HISTORY

- 1962 : Idea of a network point 2 point
- 1965 : First implementation of communication
- 1969 : First message delivered
- late 1970 : TCP and IP protocol
- 1980s : Tim Berners Lee creates WWW
- 1990 : First browser

# SEVERAL INITIATIVES

- Arpanet : USA
- Cyclades : France
- National Physical Laboratory : England

**INTER - NET**

# WHAT IS A NETWORK ?

A group of entities communicating with each other

# TOPOLOGY

- Point 2 point
- Bus
- Star
- Ring
- Mesh
- Tree
- Hybrid



# NETWORK SIZES

- PAN : 1 to 10
- LAN : 10 to 100
- MAN : 100 to 1000
- WAN : 1000+

# HOW DO YOU IDENTIFY A COMPUTER ON A NETWORK ?

IP & MAC

# WHAT IS THE WEB ?

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**WEB = HTTP + URI + HTML**

# URI

## UNIQUE RESSOURCE IDENTIFIER

Ex : <http://www.twitter.com/iammichiel>

# HTTP

- Client-server protocol
- Request -> Response
- Message = header + body
- Request = Action + URI + message
- Response = Code + message

# GO FURTHER ?

- [Youtube - History of internet](#)
- [Wikipedia - Internet](#)
- [Wikipedia - Tim Berners Lee](#)
- [Wikipedia - HTTP](#)
- [Internet Society - Brief history of Internet](#)
- [FunctionX - Introduction to Computer Networking](#)