# netlabs.org - The Voyager Project Objects 2.0

Adrian Gschwend

netlabs.org - Open Source Software

Warpstock Europe 2007, Valkenswaard, Netherlands

Adrian Gschwend netlabs.org - The Voyager Project

◆□▶ ◆□▶ ★ □▶ ★ □▶ → □ → の Q ()

## Outline









Adrian Gschwend netlabs.org - The Voyager Project

ヘロト 人間 とくほとくほとう

Components Missing Stuff

## Netlabs Object Model

#### NOM can be considered as

- beta, as an object model
- alpha, as a complete solution

Can be used to implement first objects (see desktop)

ヘロア 人間 アメヨア 人口 ア

Components Missing Stuff

## Netlabs Object Model

### NOM can be considered as

- beta, as an object model
- alpha, as a complete solution

Can be used to implement first objects (see desktop)

ヘロア 人間 アメヨア 人口 ア

Components Missing Stuff

## Netlabs Object Model

### NOM can be considered as

- beta, as an object model
- alpha, as a complete solution

• Can be used to implement first objects (see desktop)

ヘロト 人間 ト ヘヨト ヘヨト

Components Missing Stuff

## Netlabs Object Model

- NOM can be considered as
  - beta, as an object model
  - alpha, as a complete solution
- Can be used to implement first objects (see desktop)

ヘロト 人間 ト ヘヨト ヘヨト

Components Missing Stuff

# Desktop

Work in progress

Adrian Gschwend netlabs.org - The Voyager Project

ヘロト 人間 とくほとくほとう

Components Missing Stuff

## **API** Definition

### • Wiki based design prototyping [tm]

- Base categories
- Demo

Components Missing Stuff

## **API** Definition

- Wiki based design prototyping [tm]
- Base categories
- Demo

ヘロト 人間 とくほとくほとう

₹ 990

Components Missing Stuff

## **API** Definition

- Wiki based design prototyping [tm]
- Base categories
- Demo

ヘロト 人間 とくほとくほとう

₹ 990

Components Missing Stuff

## Things we need

### • GTK+ port: Outdated, Everblue dependency

- Will be done from scratch (time...)
- Garbage collector: Add multithreading
- Missing controls (missing in GTK+)

ヘロア ヘビア ヘビア・

Components Missing Stuff

## Things we need

- GTK+ port: Outdated, Everblue dependency
- Will be done from scratch (time...)
- Garbage collector: Add multithreading
- Missing controls (missing in GTK+)

・ロト ・同ト ・ヨト ・ヨトー

Components Missing Stuff

## Things we need

- GTK+ port: Outdated, Everblue dependency
- Will be done from scratch (time...)
- Garbage collector: Add multithreading
- Missing controls (missing in GTK+)

ヘロト 人間 ト ヘヨト ヘヨト

Components Missing Stuff

## Things we need

- GTK+ port: Outdated, Everblue dependency
- Will be done from scratch (time...)
- Garbage collector: Add multithreading
- Missing controls (missing in GTK+)

ヘロト 人間 ト ヘヨト ヘヨト

## Integration of industry standarts

#### We will not reinvent the wheel

- OpenLDAP
- Kerberos
- Samba
- . . .

## Integration of industry standarts

#### We will not reinvent the wheel

- OpenLDAP
- Kerberos
- Samba
- . . .

Adrian Gschwend netlabs.org - The Voyager Project

## Integration of industry standarts

#### We will not reinvent the wheel

- OpenLDAP
- Kerberos
- Samba

• . . .

## Integration of industry standarts

#### We will not reinvent the wheel

- OpenLDAP
- Kerberos
- Samba
- . . .

< □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □

# **Scripting Interface**

### • Object oriented commandline (MS powershell, but better :)

 wpSetup/wpQuerySetup (class methods for controlling objects)

・ロト ・ 同 ト ・ ヨ ト ・ ヨ ト

# **Scripting Interface**

- Object oriented commandline (MS powershell, but better :)
- wpSetup/wpQuerySetup (class methods for controlling objects)

ヘロン 人間 とくほ とくほ とう

### **Unified Data Access**

#### Abstract transport layers

- Netdrive (eComStation)
- FUSE (Unix Systems)

ヘロン ヘアン ヘビン ヘビン

æ

### **Unified Data Access**

- Abstract transport layers
- Netdrive (eComStation)
- FUSE (Unix Systems)

ヘロン ヘアン ヘビン ヘビン

## **Unified Data Access**

- Abstract transport layers
- Netdrive (eComStation)
- FUSE (Unix Systems)

ヘロト ヘアト ヘビト ヘビト

### Mozilla Prism

• Web based applications on the desktop

## **Configuration Database**

### • Write kernel & driver config completely from DB

- Don't feed DB from config files
- Hide original config files completely

ヘロト ヘアト ヘビト ヘビト

## **Configuration Database**

### • Write kernel & driver config completely from DB

### Don't feed DB from config files

• Hide original config files completely

ヘロト 人間 とくほとくほとう

## **Configuration Database**

- Write kernel & driver config completely from DB
- Don't feed DB from config files
- Hide original config files completely

・ 同 ト ・ ヨ ト ・ ヨ ト …

Users Programmers

# How do you want to work?

### Tell us how you would like to do it!

- User administration
- File sharing
- File access
- PIM synchronisation
- . . .

ヘロン 人間 とくほとく ほとう

Users Programmers

# How do you want to work?

### Tell us how you would like to do it!

- User administration
- File sharing
- File access
- PIM synchronisation
- . . .

・ロト ・ 理 ト ・ ヨ ト ・

Users Programmers

# How do you want to work?

Tell us how you would like to do it!

- User administration
- File sharing
- File access
- PIM synchronisation
- . . .

・ロト ・ 理 ト ・ ヨ ト ・

E DQC

Users Programmers

# How do you want to work?

Tell us how you would like to do it!

- User administration
- File sharing
- File access
- PIM synchronisation
- . . .

・ロ・ ・ 同・ ・ ヨ・ ・ ヨ・

E DQC

Users Programmers

# How do you want to work?

Tell us how you would like to do it!

- User administration
- File sharing
- File access
- PIM synchronisation
- ...

ヘロン 人間 とくほ とくほ とう

Users Programmers

## Implementation Ideas

### Draw your own sketches

#### Demo

Adrian Gschwend netlabs.org - The Voyager Project

◆□> ◆□> ◆豆> ◆豆> ・豆 ・ のへで

Users Programmers

## Implementation Ideas

- Draw your own sketches
- Demo

◆□> ◆□> ◆豆> ◆豆> ・豆 ・ のへで



### • We still need a web based framework

• Professional know how available

・ロト ・ 理 ト ・ ヨ ト ・



- We still need a web based framework
- Professional know how available

・ロト ・ 理 ト ・ ヨ ト ・

₹ 990

Status Ideas Contribute

Users Programmers



As seen before (Wiki)

Adrian Gschwend netlabs.org - The Voyager Project

ヘロト 人間 とくほとくほとう

Users Programmers

## Porting to other Platforms

### • NOM porting HOWTO (see TRAC)

• Other components will follow

・ロト ・ 理 ト ・ ヨ ト ・

Users Programmers

## Porting to other Platforms

- NOM porting HOWTO (see TRAC)
- Other components will follow

ヘロン 人間 とくほ とくほ とう



#### No money - no honey

No money - no Voyager

ヘロト 人間 とくほとくほとう



- No money no honey
- No money no Voyager

ヘロト 人間 とくほとくほとう