



MASTER OF SCIENCE  
IN ENGINEERING

UNIVERSITY OF APPLIED SCIENCES WESTERN SWITZERLAND  
MSE - SOFTWARE ENGINEERING

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## Projet d'approfondissement Inphinity

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# 1 Introduction & Context

TODO: phages Vs bacteria

TODO: genome

TODO: sequence alignment

## **2 Scientific aspects**

### **2.1 Biology**

### **2.2 Bio-informatic**

## **3 Work Presentation**

### **3.1 Phamerator**

### **3.2 PhamDB**

### **3.3 Phamily**

### **3.4 Database**

## 4 Results & Analyse

### 4.1 First result with Phamerator

### 4.2 Database

## 5 Conclusion

### 5.1 Problems encountered

### 5.2 Continuity

## 6 References



## 7 Progress report

### 7.1 Week 24-01 February

#### **first contact**

**TODO: PV** -> copy notes manuscript HERE

#### **Lectures**

Readings about biology and bio-informatic

#### **Virtual machine**

After some research about various tools found during my readings, I set-up a first virtual machine with Linux and some necessary packages.

#### **Specifications**

### 7.2 Week 02-08 Mars

#### **Reunion**

**TODO: PV**

#### **Lectures**

#### **Tutorial**