

# Diagnozo

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## Contents

<b>1</b>	<b>Tools</b>	<b>1</b>
1.1	list_diagnosis.rb . . . . .	1
1.1.1	Usage . . . . .	1
1.1.2	Explanation . . . . .	1
<b>2</b>	<b>The diagnosis database: Diagnozo.xml</b>	<b>2</b>
2.1	Attributes . . . . .	2
2.2	Elements . . . . .	2
<b>3</b>	<b>To Do</b>	<b>3</b>
<b>4</b>	<b>Possible additional features</b>	<b>3</b>
<b>5</b>	<b>License</b>	<b>3</b>

### Abstract

Diagnozo will hopefully be a tool to allow finding a medical diagnosis based upon a tag based filtering system.

## 1 Tools

### 1.1 list\_diagnosis.rb

#### 1.1.1 Usage

ruby list\_diagnosis.rb

#### 1.1.2 Explanation

Lists all in diagnozo.xml included diagnoses.

## 2 The diagnosis database: Diagnozo.xml

The Diagnozo.xml<sup>1</sup> file contains the informations related to a diagnosis.

I suggest the following xml elements and attributes. Have a look at this example:

Listing 1: "First version of Diagnozo.xml"

```
<diagnozo>
  <diagnosis name="Azygos_lobe">
    <url>http://en.wikipedia.org/wiki/
      Azygos_lobe</url>
    <xray>small line in the upper lobe of the
      right lung<xray/>
  </diagnosis>
  <diagnosis name="Insufficient_inspiration">
    <xray>unsharp dens hilar vessels<xray/>
    <xray>pulmonary increased streaking<xray>
    <differentialdiagnosis>Heart failure<
      differentialdiagnosis>
  </diagnosis>
</diagnozo>
```

### 2.1 Attributes

**name** name of the diagnosis

### 2.2 Elements

All elements can be used multiple times per diagnosis.

**url** urls

**region** region of the body where the disease can occure

**xray** how does the diagnosis look like in native x-ray images

**ct** how does the diagnosis look like in computed tomography scans

**mri** how does the diagnosis look like in computed tomography scans

**dd** a differential diagnosis

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<sup>1</sup>Diagnozo is esperanto for "diagnosis".

### **3 To Do**

- XML validation
- securing unique diagnosis
- Web interface tags → diagnosis
- Web interface diagnozo.xml editor with version control
- Language check through native speaker
- Deciding which license to use

### **4 Possible additional features**

- Learning tool “diagnosis by tags”

### **5 License**

Not yet decided. Some copyleft like CC, GFDL.