Diagnozo

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Contents

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 diagnosesis.

2 The diagnosis database: Diagnozo.xml

The Diagnozo.xml[1] 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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[1]Diagnozo is esperanto for "diagnosis".

3   To Do

- XML validation

- securing unique diagnosis

- Web interface tags $\rightarrow$ diagnosis

- Web interface diagnozo.xml editor with version control

- Language check through native speaker

- Deciding which license to use

4   License

Not yet decided. Some copyleft like CC, GFDL.