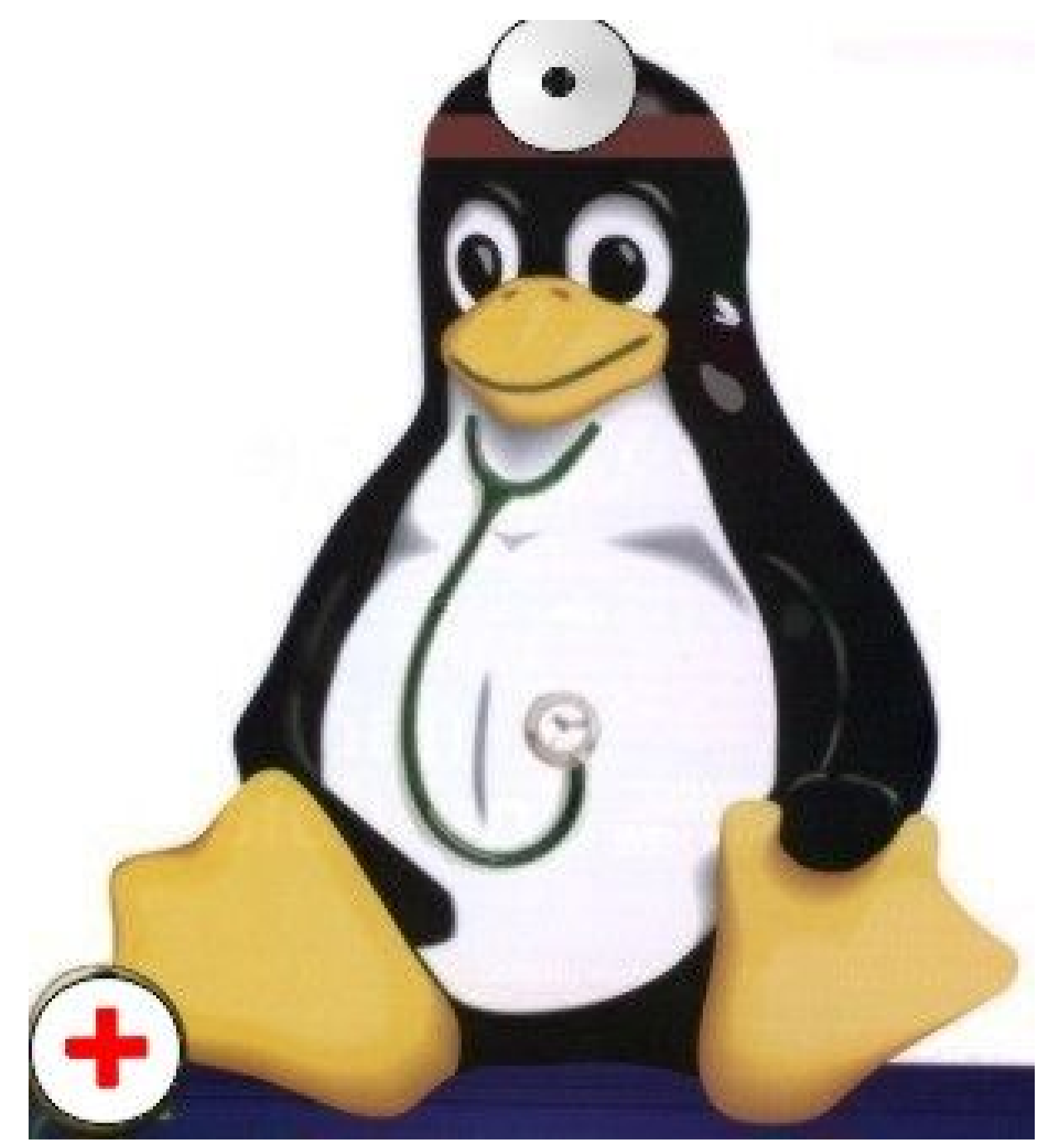
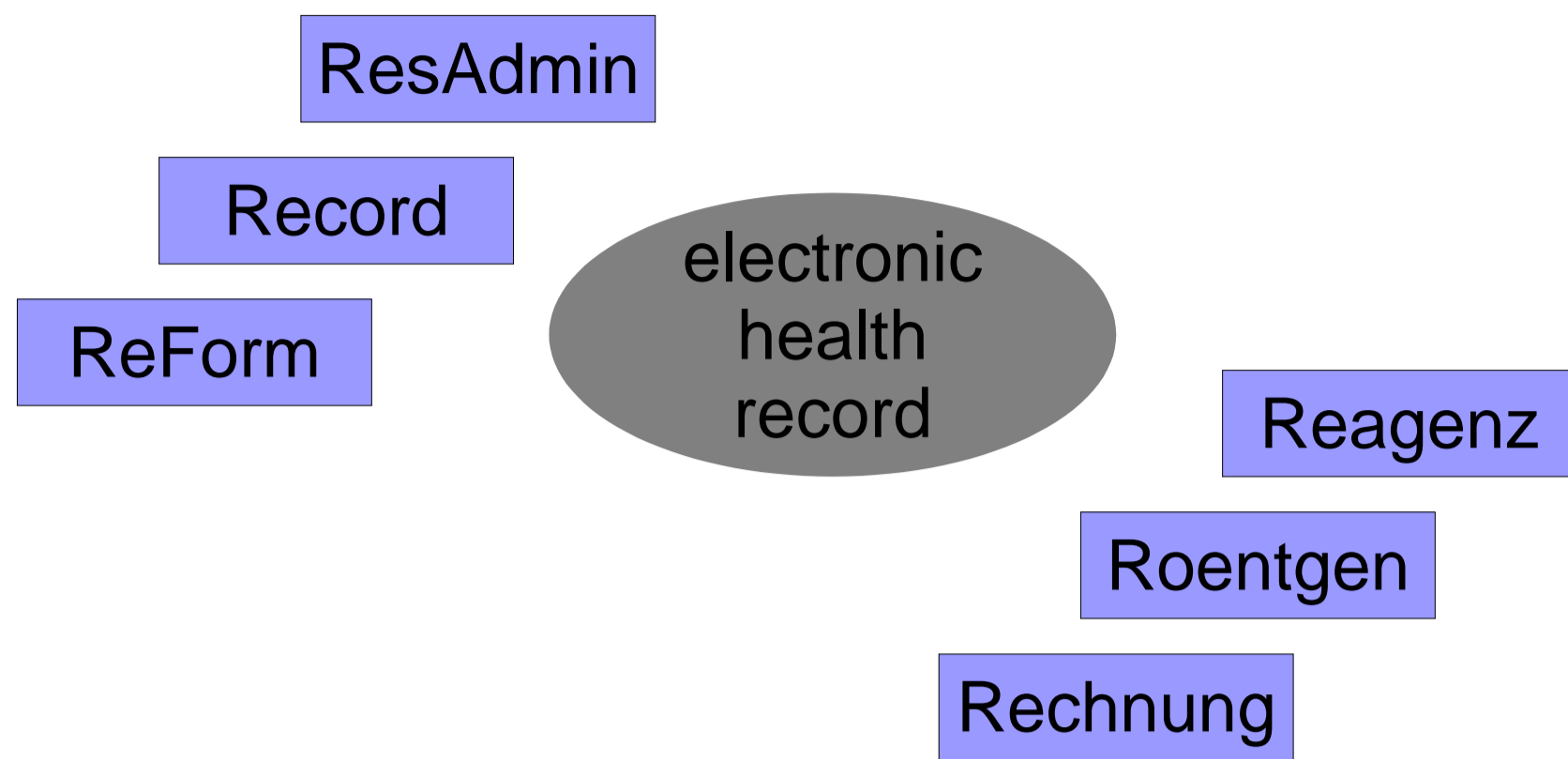


Res Medicinae



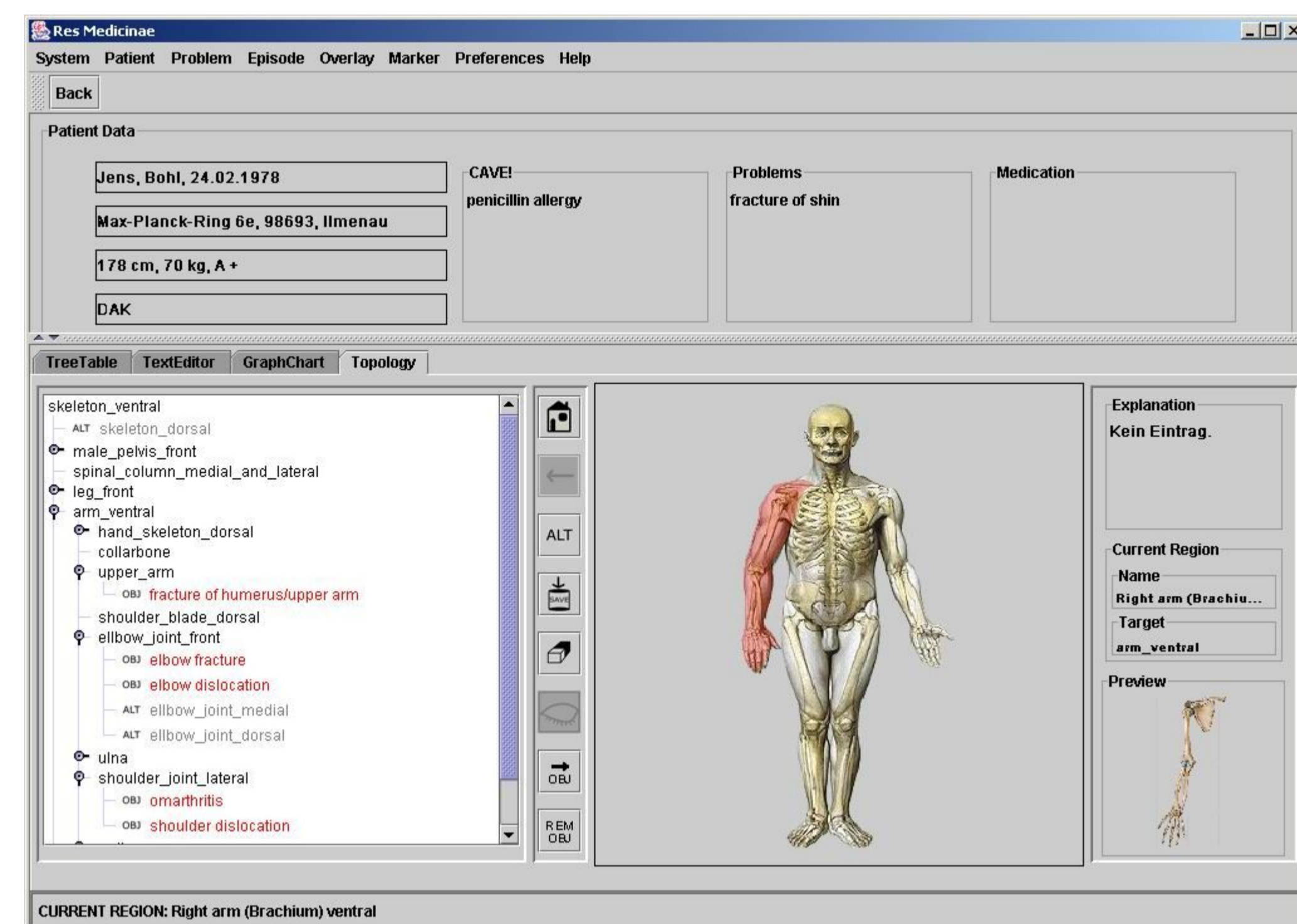
<http://www.resmedicinae.org>



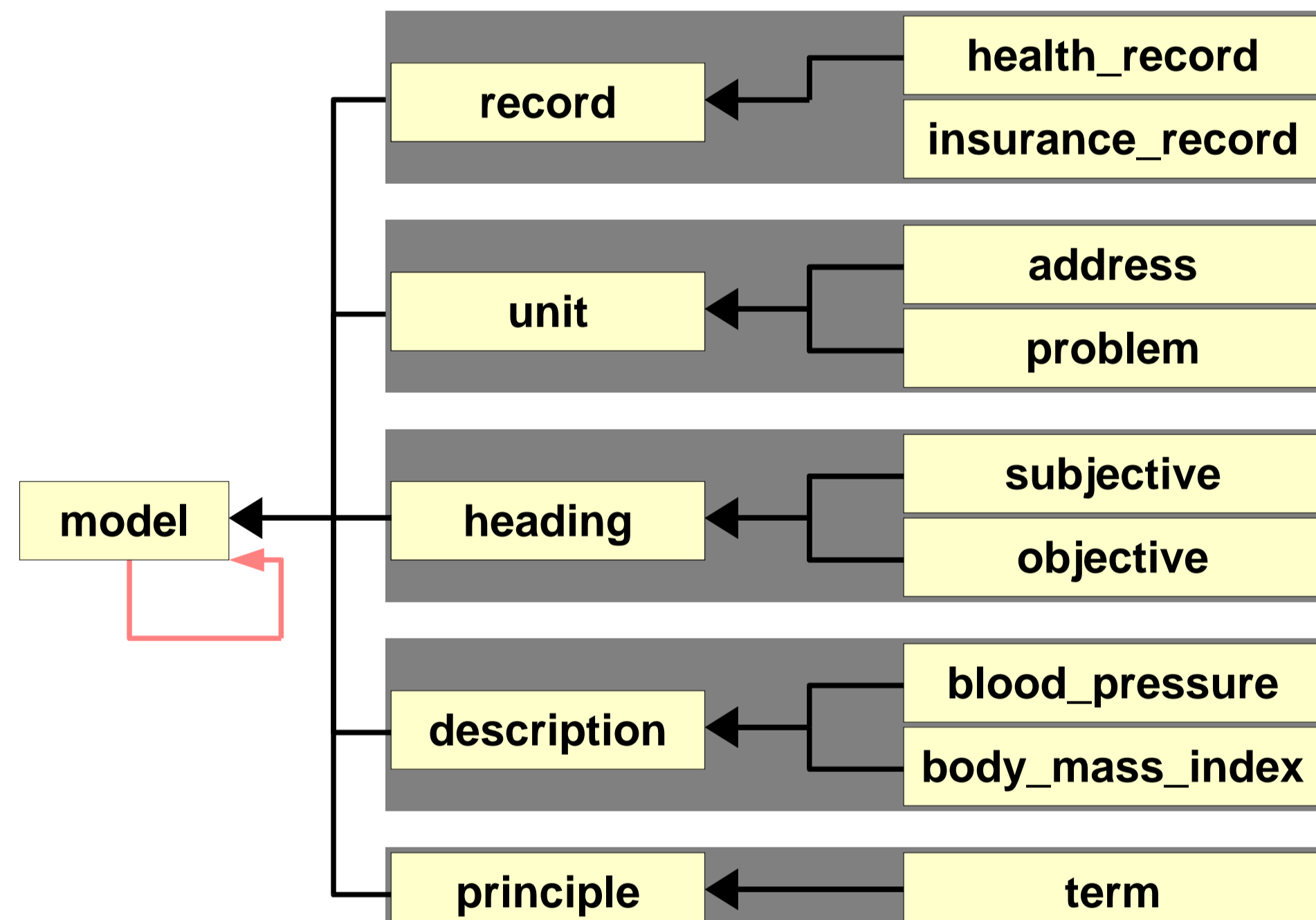
Res Medicinae is to become a comprising software solution for use in Medicine which combines intuitive ease of use with great flexibility, reached through the usage of CYBOP technology. It wants to adhere to common standards for medical software, wherever useful, and will thus be open to other systems. Using the CYBOL language, users are enabled to, themselves, modify applications.

Res Medicinae is the attempt to overcome high pricing in the realm of Medical Information Systems and to provide users with a free, stable, secure, platform-independent, extensive system.

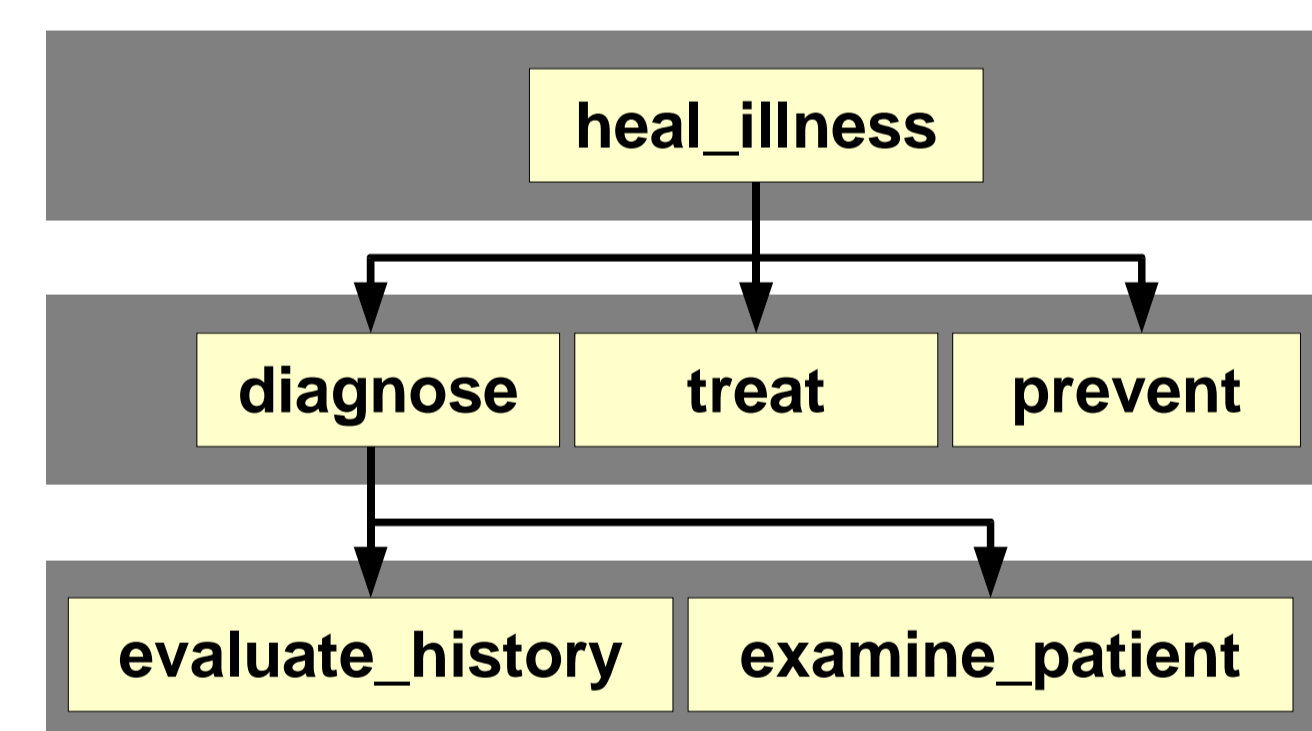
Res Medicinae is and will be free in every meaning. Its contributors enjoy working together and are encouraged by the idea of sharing their knowledge with people living on the poorer side of the world.



old java prototype with topological documentation



example ontology as hierarchy with unidirectional relations



algorithms / processes are hierarchical as well

cybol state template of a textual user interface (tui)

```
<model>
  <part name="title" channel="inline" abstraction="character" model="Menue">
    <property name="position" channel="inline" abstraction="integer" model="35,6,0"/>
    <property name="size" channel="inline" abstraction="integer" model="10,1,1"/>
    <property name="background" channel="inline" abstraction="character" model="blue"/>
    <property name="foreground" channel="inline" abstraction="character" model="yellow"/>
    <property name="bold" channel="inline" abstraction="boolean" model="true"/>
  </part>
  <part name="apw_entry" channel="inline" abstraction="character" model="Starte APW im DOSemu">
    <property name="position" channel="inline" abstraction="integer" model="6,8,0"/>
    <property name="size" channel="inline" abstraction="integer" model="60,1,1"/>
    <property name="background" channel="inline" abstraction="character" model="red"/>
    <property name="foreground" channel="inline" abstraction="character" model="white"/>
    <property name="bold" channel="inline" abstraction="boolean" model="true"/>
  </part>
  <part name="apw_key" channel="inline" abstraction="character" model="a">
    <property name="position" channel="inline" abstraction="integer" model="73,8,0"/>
    <property name="size" channel="inline" abstraction="integer" model="1,1,1"/>
    <property name="background" channel="inline" abstraction="character" model="red"/>
    <property name="foreground" channel="inline" abstraction="character" model="white"/>
    <property name="bold" channel="inline" abstraction="boolean" model="true"/>
  </part>
  ...
</model>
```

cybol logic template of an application startup procedure

```
<model>
  <part name="create_resmedicinae" channel="inline" abstraction="operation" model="create_part">
    <property name="name" channel="inline" abstraction="character" model="resmedicinae"/>
    <property name="channel" channel="inline" abstraction="character" model="inline"/>
    <property name="abstraction" channel="inline" abstraction="character" model="compound"/>
    <property name="model" channel="inline" abstraction="character" model=""/>
  </part>
  ...
  <part name="create_tui" channel="inline" abstraction="operation" model="create_part">
    <property name="whole" channel="inline" abstraction="knowledge" model="resmedicinae"/>
    <property name="name" channel="inline" abstraction="character" model="tui"/>
    <property name="channel" channel="inline" abstraction="character" model="file"/>
    <property name="abstraction" channel="inline" abstraction="character" model="cybol"/>
    <property name="model" channel="inline" abstraction="character" model="resmedicinae/tui.cybol"/>
  </part>
  ...
  <part name="startup_linux_console" channel="inline" abstraction="operation" model="startup">
    <property name="service" channel="inline" abstraction="knowledge" model="resmedicinae.settings.ui"/>
  </part>
  <part name="send_model_to_output" channel="inline" abstraction="operation" model="send">
    <property name="language" channel="inline" abstraction="character" model="tui"/>
    <property name="receiver" channel="inline" abstraction="character" model="user"/>
    <property name="message" channel="inline" abstraction="knowledge" model="resmedicinae.tui"/>
  </part>
  <part name="receive_linux_console" channel="inline" abstraction="operation" model="receive">
    <property name="service" channel="inline" abstraction="character" model="tui"/>
  </part>
  ...
</model>
```