

## Umělá inteligence. Příklad v jazyce AIML

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### Abstract

Příklad v jazyce AIML.

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<?xml version="1.0" encoding="UTF-8"?>
<aiml version="1.0">

<meta name="author" content="Josiah Dykstra"/>
<meta name="language" content="en"/>

<category>
  <pattern>DEFINE HOLLAND</pattern>
  <template>
    Holland is a city in West Michigan, on Lake Michigan.
  </template>
</category>

<category>
  <pattern>START</pattern>
  <template> What would you like to know about Hope College?
    <think>
      <set name="topic">HOPE</set>
    </think>
  </template>
</category>

<category>
  <pattern>_ HOPE COLLEGE </pattern>
  <template>
    <srai> START </srai>
  </template>
</category>

<topic name="HOPE">

<category>
  <pattern>* COMPUTER SCIENCE </pattern>
  <that>WHAT WOULD YOU LIKE TO KNOW ABOUT HOPE COLLEGE</that>
  <template>
    <set name="academicSubject">CS</set>
    , great! I'm obviously very interested in the subject myself.
  </template>
</category>

<category>
  <pattern>_ COMPUTER SCIENCE * </pattern>
  <that>WHAT WOULD YOU LIKE TO KNOW ABOUT HOPE COLLEGE</that>
  <template>
    <srai>* COMPUTER SCIENCE</srai>
  </template>
</category>

<category>
  <pattern>_ ENGLISH *</pattern>
  <that>WHAT WOULD YOU LIKE TO KNOW ABOUT HOPE COLLEGE</that>

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    <template>
      <set name="academicSubject">ENGLISH</set>
      Sure, we can talk about English.
    </template>
  </category>

<category>
  <pattern>_ COMPUTER SCIENCE *</pattern>
  <template>
    <set name="academicSubject">CS</set>
    is a favorite subject of mine.
  </template>
</category>

<category>
  <pattern>WHO TEACHES IT</pattern>
  <template>
    <srai>WHO TEACHES <get name="academicSubject"/></srai>
  </template>
</category>

<category>
  <pattern>* PROFESSORS </pattern>
  <template>
    <srai>WHO TEACHES <get name="academicSubject"/></srai>
  </template>
</category>

<category>
  <pattern>WHO TEACHES CS</pattern>
  <template>
    Drs. Dershem, Jipping and McFall teach computer science.
  </template>
</category>

<category>
  <pattern>WHO TEACHES COMPUTER SCIENCE</pattern>
  <template>
    <srai>WHO TEACHES CS</srai>
  </template>
</category>

<category>
  <pattern>WHO TEACHES ENGLISH</pattern>
  <template>
    Jack Ridl, Joel Peckham, Dr. Hemmenway, and some others.
  </template>
</category>

<category>
  <pattern> WHO TEACHES * </pattern>

```

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    <template>
      I don't have any idea.
    </template>
</category>

<category>
  <pattern>WHO IS * DERSHEM</pattern>
  <template>
    
    Dr. Dershem is a professor of computer science, and chair of the
    department. You can find out more about him on his homepage:
    <a href="http://www.cs.hope.edu/~dershem">
      http://www.cs.hope.edu/~dershem< /a>
    </template>
</category>

<category>
  <pattern>WHO IS * JIPPING</pattern>
  <template>
    Dr. Mike Jipping is a professor of computer science.
    You can learn more about him here:
    <a href="http://www.cs.hope.edu/~jipping">
      http://www.cs.hope.edu/~jipping< /a>
    </template>
</category>

<category>
  <pattern>WHO IS * MCFALL</pattern>
  <template>
    Dr. Ryan McFall is the newest addition to the computer
    science faculty. His homepage is here:
    <a href="http://www.cs.hope.edu/~mcfall">
      http://www.cs.hope.edu/~mcfall</a>
    </template>
</category>

<category>
  <pattern>WHO IS * </pattern>
  <template>
    I don't know who <star/> is. You might search the Hope
    College homepage.
  </template>
</category>

<category>
  <pattern>_ PRESIDENT *</pattern>
  <template>
    Dr. James Bultman is president of Hope College
  </template>
</category>

```

```
<category>
  <pattern>_ SPECIAL * </pattern>
  <template>
    <srai>SPECIAL ABOUT <get name="academicSubject"/></srai>
  </template>
</category>
```

```
<category>
  <pattern> SPECIAL ABOUT CS </pattern>
  <template>
    <P>The best preparation for computer science combines
    an understanding of the fundamental theory of the field
    with ample opportunities to apply that theory through
    work on projects. More important than learning any
    specific technique, language, or machine is gaining
    the ability to learn new techniques, languages and
    machines. For this reason, the department exposes the
    student to as many different technologies as possible
    - emphasizing the underlying principles involved over
    the specifics or the present technology.</P>
  </template>
</category>
```

```
<category>
  <pattern> _ FACILITIES * </pattern>
  <template>
    <srai><get name="academicSubject"/> FACILITIES</srai>
  </template>
</category>
```

```
<category>
  <pattern> CS FACILITIES </pattern>
  <template>
    <UL>
      <LI>All computer science courses are taught in
      a unique classroom/laboratory containing twelve Sun
      workstations plus other multimedia facilities.<P>
      <LI>The student lab contains 14 Sun workstations and
      is available seven days a week, 24 hours a day.<P>
      <LI>A research lab that includes several handheld
      computers and Pentiums.<P>
      <LI>Extensive facilities networked to provide Unix
      environment, high resolution graphics and high speed
      computation.
    </UL>
  </template>
</category>
```

```
<category>
  <pattern> _ DEGREES * </pattern>
  <template>
```

```

        <srai><get name="academicSubject"/> DEGREES </srai>
    </template>
</category>

<category>
    <pattern> CS DEGREES </pattern>
    <template>
        The department offers both a Bachelor of Arts in
        computer science (30 credit hours) and a Bachelor of
        Science in computer science (36 credit hours). The
        department also offers a minor in computer science
        (minimum 18 credit hours).
    </template>
</category>

<category>
    <pattern> _ COURSES * </pattern>
    <template>
        <srai><get name="academicSubject"/> COURSES </srai>
    </template>
</category>

<category>
    <pattern> CS COURSES </pattern>
    <template>
        <script language="javascript">function display()
        {
            window.open('http://www.cs.hope.edu/~dershem/depthome/coursepages.html');
        } display();
        </script>
        Courses are displayed in the window I just opened for you.
    </template>
</category>

<category>
    <pattern> SEARCH GOOGLE FOR * </pattern>
    <template>
        <script language="javascript">function display()
        {
            window.open('http://www.google.com/search?q=<star/>');
        } display();
        </script>
        Search complete.
    </template>
</category>

</topic>

<category>
    <pattern>_ PRESIDENT *</pattern>
    <template>

```

```
        Dr. James Bultman is president of Hope College
    </template>
</category>
```

```
<category>
    <pattern>WHERE IS HOPE COLLEGE</pattern>
    <template>
        <think><set name="topic">Hope</set></think>
        Hope College is in Holland, Michigan
    </template>
</category>
```

```
</aiml>
```