ISOcat tutorial

Annotation of various resource types

Feature structure

```
|ID:A+B
|HEAD:|CONCEPT:try
|      |PHON:proberen
|      |SLF:try
|      |SYNSEM:|ETYPE:event
|      |       |FLEX:infin
|      |       |VTYPE:semi_aux
```

$$
\begin{bmatrix}
ID & A+B \\
HEAD & \begin{bmatrix}
CONCEPT & try \\
PHON & proberen \\
SLF & try \\
SYNSEM & \begin{bmatrix}
ETYPE & event \\
FLEX & infin \\
VTYPE & semi\_aux
\end{bmatrix}
\end{bmatrix}
\end{bmatrix}
$$

TEI feature structure XML vocabulary

ISO 24610-1, http://www.tei-c.org/release/doc/tei-p5-doc/en/html/FS.html

```xml
<fs type="main">
    <f name="ID">
        <string>A+B</string></f>
    <f name="HEAD">
        <fs type="head">
            <f name="CONCEPT">
                <symbol value="try"/></f>
            <f name="PHON">
                <string>proberen</string></f>
            <f name="SLF">
                <string>try</string></f>
            <f name="SYNSEM">
                <fs type="synsem">
                    <f name="ETYPE">
                        <symbol value="event"/></f>
                    <f name="FLEX">
                        <symbol value="infin"/></f>
                    <f name="VTYPE">
                        <symbol value="semi_aux"/></f>
                </fs></f>
        </fs></f>
</fs>
```

Feature system declaration

```
<fsDecl type="main">
    <fDecl name="ID" dcr:datcat="http://www.isocat.org/datcat/DC-1">
        <vRange>
                <vNot>
                        <string/>
                </vNot>
        </vRange>
    </fDecl>
    <fDecl name="HEAD" dcr:datcat="http://www.isocat.org/datcat/DC-2">
        <vRange>
                <fDecl type="head"/>
        </vRange>
    </fDecl>
</fsDecl>
<fsDecl type="head">
    <fDecl name="CONCEPT" dcr:datcat="http://www.isocat.org/datcat/DC-3">
        <vRange>
                <vAlt>
                        <symbol value="try"
                                dcr:datcat="http://www.isocat.org/datcat/DC-4"/>
…
```