Grammar with Phonetic Spellings

About

This page describe how to define a grammar with phonetic spellings. You can specify phonetic spelling in BNF and XML grammars. The phonetics spellings depend on the language use. You have to use the phoneme symbols of the language.

Vestec give a some documentations to write grammars. Their are located in `/usr/share/doc/Vestec/vasre/`

Grammar Examples

Here is an example of phonetic use : The name "Tkocz" is pronunce in french : `tecoach`. The grammar can be written like this :

```
<item>Dominique "{t @ s o t S:Tkocz}"<tag>out='Dominique Tkocz';
</tag></item>
<item>"{t @ s o t S:Tkocz}"<tag>out='Tkocz'; </tag></item>
```

French phoneme list

This list come from Vestec : `/usr/share/doc/Vestec/vasre/phoneme_list_fr-FR`

```
Phoneme Example     Transcription
============================
@       le          l @
A       afin        A f e~
E       airbus      E r b y s
G       heure       G r
G~      une         G~ n
H       huile       H i l
J       besogne     b @ z O J
N       meeting     m i t i N
O       homme       O m
S       chose       S o z
T       euro        T r o
Z       je          Z @
a       âge         a Z
a~      enfin       a~ f e~
b       bien        b j e~
d       de          d @
e       effectivement  e f E k t i v @ m a~
e~      impose      e~ p o z
```

```
f       film         f i l m
g       gaspillage   g A s p i j A Z
h       oui          h w i
i       il           i l
j       youyous      j u j u
k       que          k @
l       lui          l H i
m       me           m @
n       ne           n @
o       autre        o t r
o~      ombre        o~ b r
p       pour         p u r
r       dire         d i r
s       ce           s @
t       tu           t y
u       outil        u t i
v       venir        v @ n i r
w       oindre       w e~ d r
y       sur          s y r
z       zone         z o n
```

American phoneme list

This list come from Vestec : `/usr/share/doc/Vestec/vasre/phoneme_list_en-US`

```
Phoneme Example Transcription
=============================
aa      archive  aa r k ay v
ae      aptitude ae p t ah t uw d
ah      upgrade  ah p g r ey d
ao      off      ao f
aw      out      aw t
ay      isolate  ay s ah l ey t
b       bus      b ah s
ch      change   ch ey n jh
d       duck     d ah k
dh      they     dh ey
eh      end      eh n d
er      urgency  er jh ah n s iy
ey      angel    ey n jh ah l
f       forum    f ao r ah m
g       gap      g ae p
hh      hive     hh ay v
ih      infant   ih n f ah n t
iy      email    iy m ey l
jh      joke     jh ow k
k       clue     k l uw
l       luck     l ah k
```

```
m        mouth      m aw th
n        noodle     n uw d ah l
ng       drink      d r ih ng k
ow       open       ow p ah n
oy       oiling     oy l ih ng
p        put        p uh t
r        rim        r ih m
s        some       s ah m
sh       shy        sh ay
t        tag        t ae g
th       thank      th ae ng k
uh       book       b uh k
uw       food       f uw d
v        void       v oy d
w        worm       w er m
y        you        y uw
z        zoo        z uw
zh       leasure    l eh zh er
```

Spanish phoneme list

This list come from Vestec : `/usr/share/doc/Vestec/vasre/phoneme_list_es-ES`

```
Phoneme Example Transcription
============================
B        sabe      s a B e
D        tarde     t a r D e
G        fuego     f w e G o
J        año       a J o
L        allí      a L i
N        nunca     n u N k a
T        zona      T o n a
a        abajo     a B a x o
b        boca      b o k a
d        dedo      d e D o
e        entrar    e n t r a r
f        flor      f l o r
g        ganar     g a n a r
i        incluir   i N k l w i r
j        rey       rr e j
jj       suya      s u jj a
k        cabo      k a B o
l        libre     l i B r e
m        madre     m a D r e
n        nombre    n o m b r e
o        oír       o i r
p        par       p a r
r        pero      p e r o
rr       rico      rr i k o
```

```
s       saber   s a B e r
t       tal     t a l
tS      chica   tS i k a
u       unir    u n i r
w       pues    p w e s
x       junto   x u n t o
z       cosmos  k o z m o s
```

Online documents

- [W3C grammar](#)
- [Lumenvox examples](#)

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