

HOW TO CREATE NEW DISCOURSE RULES WITH DEPPATTERN

1. DEFINE A NEW LOCUTION

You have to define a new locution in grammar/grammar-es.dp after the line:

```
##CAUSAIS
```

For example, the causal locution "debido a que" is defined as follows:

```
>: [X<token:[Dd]ebido>] X<lemma:a> X<lemma:que>
NEXT
>: X<token:[Dd]ebido> X<lemma:a> [X<lemma:que>]
Add: tag:CONJ,type:S,loc:causal
%
```

This rule creates the unit "debido@a@que" which is assigned the tag CONJ(unction), the conjunction type S(ubordinate), and the locution type 'causal'.

2. CREATE A RULE FOR THE LOCUTION

Rules for locutions and discursive dependencies between clauses must be written after the line:

```
#####DEPENDENCIAS COM CONJUNÇÕES BIPOLARES#####
```

A rule containing a causal locution (loc:causal) can be defined as follows:

```
BipolarCausal2R: VERB [Fc]? CONJ<loc:causal> VERB
%
```

It means the following: a BipolarCausal dependency occurs when there is a VERB followed by a CONJ(unction) that is a causal locution, and followed by another VERB. A comma (Fc) can be (optionally) found between the first verb and the conjunction. An example of sentence with this structure is:

"Se arruinó debido a que perdió el empleo"

3. DECLARE THE DEPENDENCY NAME

The dependency must be declared in the file:

```
./grammars/discourse-es/dependencies.conf
```

Each rule is declared in two columns. For instance:

Rule code	DepPattern type
BipolarCausal2R	HeadRelDep