

Here is a LL(1) grammar.

1)  $T \rightarrow R$  2)  $T \rightarrow aTc$  3)  $R \rightarrow \varepsilon$  4)  $R \rightarrow bR$ 

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$$2) I \rightarrow aIc$$

$$R \to \varepsilon$$

4) 
$$R \to bR$$

$$(abc, T, ()) \vdash (abc, aTc, 2)$$

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Accepted! the string "abc" can be parsed.

Augment the grammar.

$$0) T' \to \vdash T \dashv$$

Now we parse the string " $\vdash$  abc  $\dashv$ " instead.

$$\frac{\left(\varepsilon,\vdash\right) \quad \left(\vdash,a\right) \quad \left(a,b\right) \quad \left(b,c\right) \quad \left(c,\dashv\right)}{\left(T',T\dashv,0\right) \quad \left(T,Tc,2\right) \quad \left(T,R,(1,4)\right) \quad \left(Rc,\varepsilon,3\right) \quad \left(\dashv,\varepsilon,()\right)}$$

$$(T',\varepsilon,(0,2,1,4,3))\\ (T',\dashv,(0,2,1,4,3)) \qquad (\dashv,\varepsilon,())\\ (T',\mathit{Tc}\dashv,(0,2)) \qquad (\mathit{Tc},\varepsilon,(1,4,3))\\ (T',\mathit{T}\dashv,0) \qquad (\mathit{T},\mathit{Tc},2) \qquad (\mathit{T},R,(1,4)) \qquad (\mathit{Rc},\varepsilon,3)$$

# Liste med punkter

- Punkt 1
- Punkt 2
  - Punkt 2.1
  - Punkt 2.2
- Punkt 3

#### Slide med 2 kolonner

- Punkt 1
- Punkt 2

- Punkt 3
- Punkt 4
- Punkt 5

#### Slide med en kolonne og et billede

- Punkt 1
- Punkt 2



#### Slide med stort billede









Prediction is very difficult, especially if it's about the future.

Research Forskning
Education Uddannelse
Exchange of knowdledge Forskningsformidling