

## Analizador Sintáctico Descendente Iterativo

### Conjunto Primero

$P(Q) = \{\text{select}\}$

$P(D) = \{\text{distinct}, *, \text{id}\}$

$P(P) = \{*, \text{id}\}$

$P(A) = \{\text{id}\}$

$P(A_1) = \{\epsilon, ,\}$

$P(A_2) = \{\text{id}\}$

$P(A_3) = \{\epsilon, .\}$

$P(T) = \{\text{id}\}$

$P(T_1) = \{\epsilon, ,\}$

$P(T_2) = \{\text{id}\}$

$P(T_3) = \{\text{id}, \epsilon\}$

### Conjunto Siguierte

$S(Q) = \{\$\}$

$S(D) = \{\text{from}\}$

$S(P) = \{\text{from}\}$

$S(A) = \{\text{from}\}$

$S(A_1) = \{\text{from}\}$

$S(A_2) = \{\text{from}, ,\}$

$S(A_3) = \{\text{from}, ,\}$

$S(T) = \{\$\}$

$S(T_1) = \{\$\}$

$S(T_2) = \{\$, ,\}$

$S(T_3) = \{\$, .\}$

### Tabla de análisis sintáctico

	select	distinct	from	id	*	,	.	\$
Q	Q -> select D from T							sinc
D		D -> distinct P		D -> P	D -> P			
P				P -> A	P -> *			
A				A -> A <sub>2</sub> A <sub>1</sub>				
A <sub>1</sub>				A <sub>1</sub> -> $\epsilon$		A <sub>1</sub> -> ,A		
A <sub>2</sub>				A <sub>2</sub> -> id A <sub>3</sub>				
A <sub>3</sub>			A <sub>3</sub> -> $\epsilon$			A <sub>3</sub> -> $\epsilon$	A <sub>3</sub> -> .id	
T				T -> T <sub>2</sub> T <sub>1</sub>				
T <sub>1</sub>						T <sub>1</sub> -> ,T		T <sub>1</sub> -> $\epsilon$
T <sub>2</sub>				T <sub>2</sub> -> id T <sub>3</sub>				
T <sub>3</sub>				T <sub>3</sub> -> id		T <sub>3</sub> -> $\epsilon$		T <sub>3</sub> -> $\epsilon$