

- `int` `int` `int` `(int:int)` `int` `--"int"` `"int"`
- `int` `/ int` `>` `int` `$3.10`

3.6 ??? () ???

`int`

`int` `int`

1. `>` `int` `int` `$3.9.1`
2. `:` `int`
3. `int` `/` `/` `/` `/` `/` `/` `/` `int`

`int` `int` `>` `int` `>` `(Tishby > int > (...))`
`int` `int` `>` `int` `>` `(int > (int:int) > int)`

4. `int` `:` `int` `int`

`int` `int:int:int:int` `int`
`int` `(int:int):(int:int)`

`int` `:` `int`

5. `int`

`int` `int`

1. `int` `(int)` `int` `int`
2. `int` `"int"` `"int"` `(int : int)`
3. `int` `--int` `$3.7`

`int`

3.7 ??????????

`int`

`()` `->` `:` `->` `>` `->` `&` `|`

`int` `/int`

`A : B > C & D > E`

`int`

`((A : B) > C) & (D > E)`

`:` `int` `int` `A : B : C = (A : B) : C` `>` `int` `int` `A > B > C > D = ((A > B) > C) > D`

(A & B) > NP > (A > NP)

NP "NP B" "NP A" []

[] > NP [] / [] / [] / [] / [] / [] --- [] > + []
NP [] : []

- [] A > NP > B
- [] A > (NP:B) [] B [] V []

[] [] (adv:[]) [] \$3.5 [] -[]

- [] (A:[]) > ([]:[]) > (B:[])
- [] X > ([]:[]) > Y
- [] NP A > ([]:[]) > NP B

[] (adv:V) [] V [] S > V > 0 [] --- [] (V:NP) []

4.15 ????????

[] [] " [] "

[] : ([] > [])

[] [] " [] "

[] : ([] > [] > [])

[]

???????????

???

[] [] Karpathy []

SVO ???

```
(λ : λ) : Karpathy > ((λ & λ & (λ : λ)) : λ) > ((λ > λ) > λ > (λ > (λ : λ) > λ
))
```

????

- λ λ (λ:λ) : Karpathy — λ
- λ λ ((λ & λ & (λ:λ)) : λ) — λ "
- λ λ Karpathy > (...) > (...) — λ →λ →λ
- λ λ ((λ > λ) > λ > (...)) — λ " "
- λ λ (λ > λ) — λ " " " " " " "
- λ λ (λ > (λ : λ) > λ) — λ " "

??? vs ?????

λ — λ "LISP
λ "λ"

???? 1?DeepMind ???

λ λ DeepMind λ

λ λ λ

```
DeepMind > ((λ : (DeepMind > λ > λ > λ)) : λ) > (λ : (((λ & λ) : λ) : λ) : ((λ : λ) & (λ : λ)))
```

λ λ λ

```
(λ) : (DeepMind > ((λ : (λ > λ)) : λ) > λ:(λ & λ))
```

λ λ

1. λ λ "λ" "λ"
2. λ λ λ λ λ λ λ
3. λ λ λ DeepMind λ λ > λ λ
4. λ λ λ λ λ λ λ λ : λ λ

???? 2??????

λ λ

□ □□□□:□□□□ □ □:□□□:□□:□□□□
□ (□□:□□):□□□□ □ (□:□□):(□□:□□□□)

????????????? : ????

□ □□ : (□□□□ > □□)
□ □□ > (□□□□ > (□□ & (□□:□□□)))

????? > ??????????

□ (□□) > □□ > (□□)
□ (□□) > □□ > (□□)

????????????????

□ DeepMind:□□□□ > □□ > ... □□□ > □□□□ > ...
□ ((DeepMind:□□□□) > □□ > (...)) & ((□□□□□) > (□□:□□) > (...))

□□□□□

7.2 ??????????????

???????

□□ (AI:□□) : Karpathy > □□ > X
□□ (AI:□□) : (Karpathy > □□ > X) □□□□□ AI □□□
□□ Karpathy > ((AI:□□):□□) > X □□□□□ AI □□□

??????????

□□ (((□□&□□□):□□):□):((□□:□□)&(□□:□□□))
□□ ((□□&□□□):□□□) : (□□□□ & □□□□□)
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& □ : □□□□□

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□ (□:□□):(□□:□□□□)

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