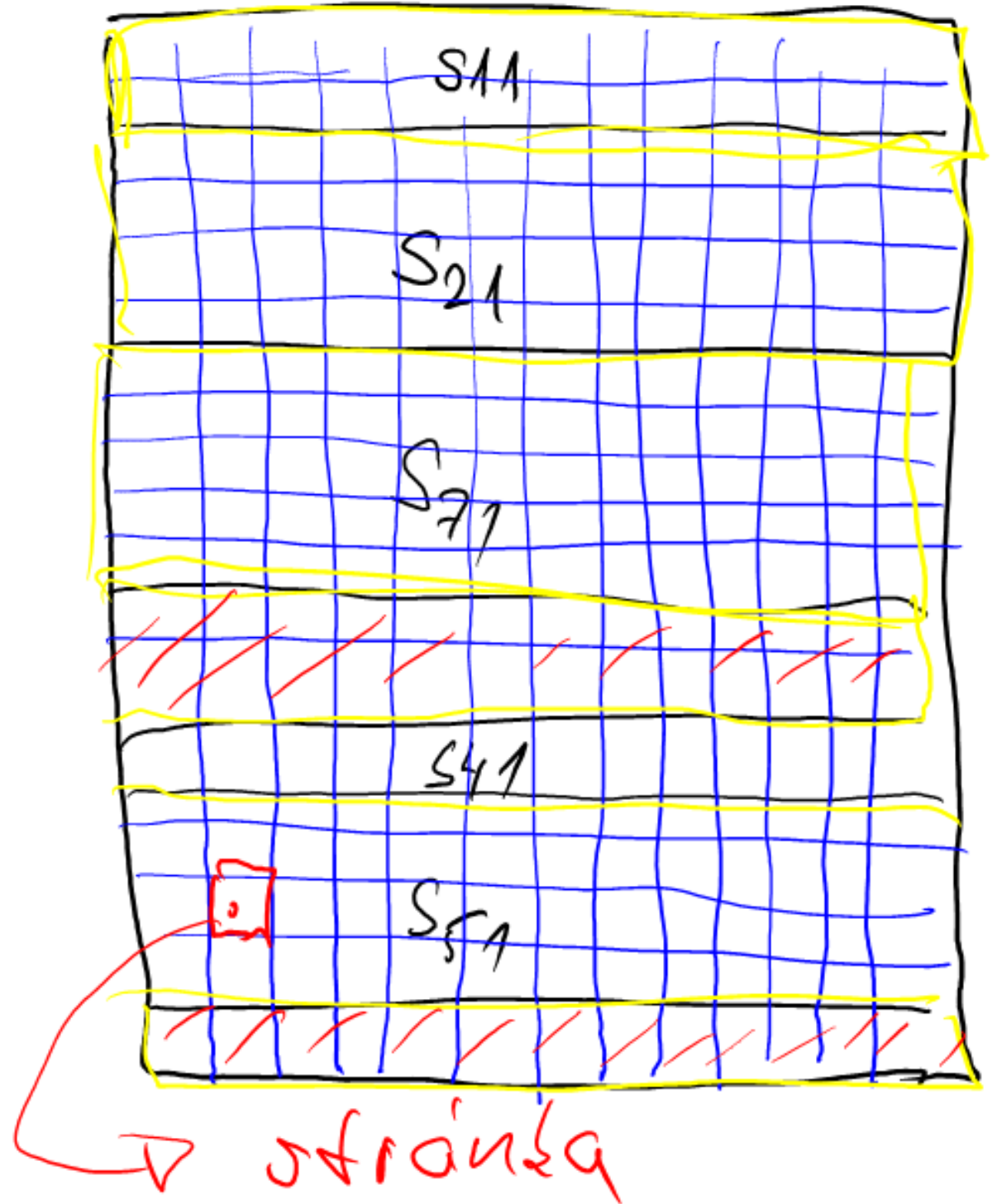
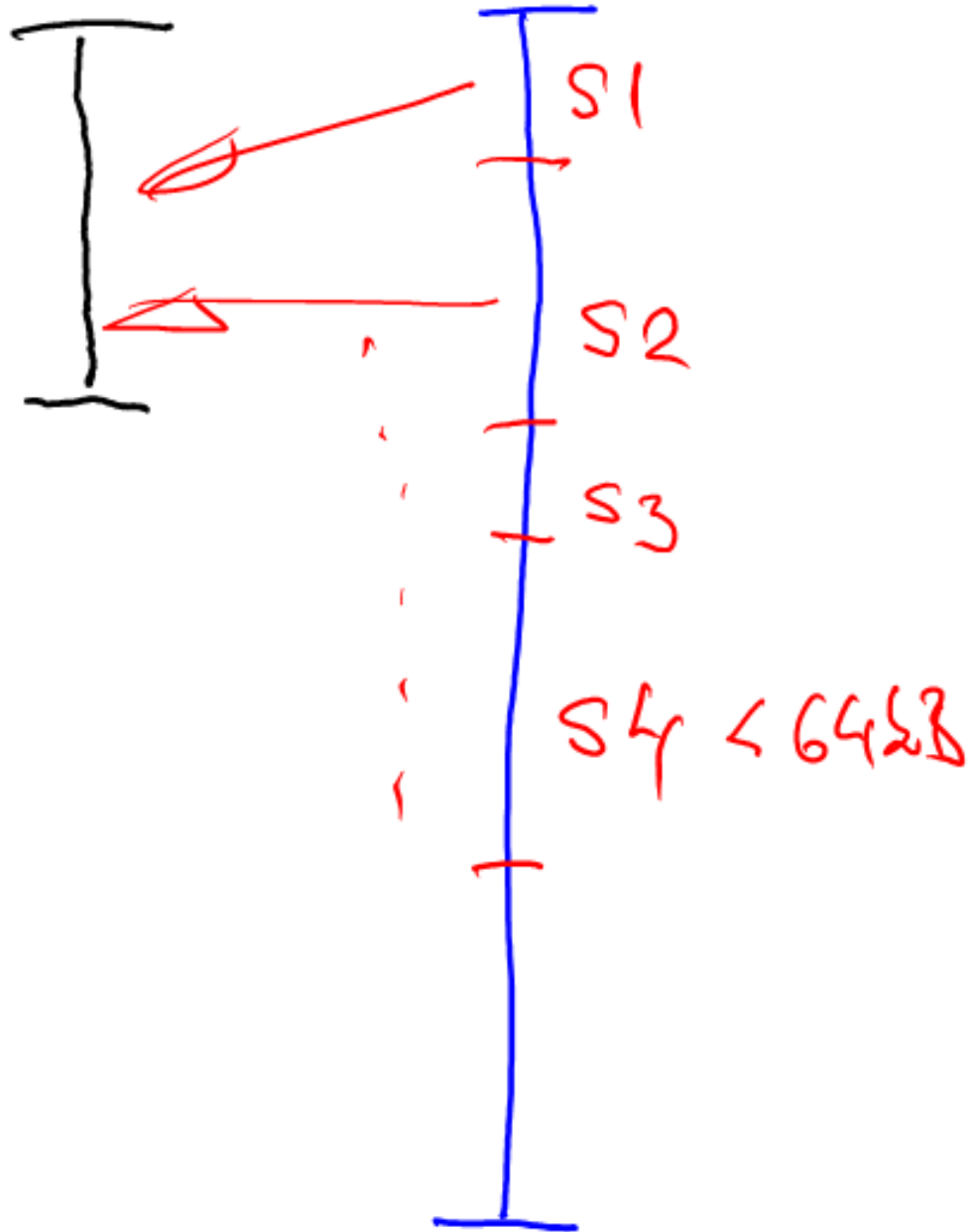


Pomník
64 kB

Aplikační
1 MB

Segment



- jednoduché pridávanie
- pridávanie delenia
 - fragmentácia
 - kondenzácia

- stránkovanie

- stránkovaniu na čísla

virtuálne strany

segmentácia
→ stránkovanie

Log. adr. \equiv

BAS : RA

SEG : OFFSET

Seg. Reg : { Displacement
base register
index register
→ combination

Virtual
protection

Segment:

- kde je? - v paměti
- na disku

- ať je v paměti:

- básova adresa

- velikost

- přístup

- opis segmentu

≡ opisovác segmentu

⇒ DESCRIPTOR

⇒ Tabulka descriptorů

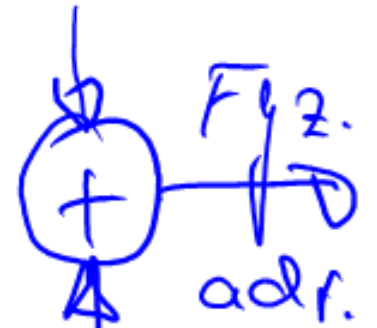
Log. adr. \equiv

?

SEL

selector

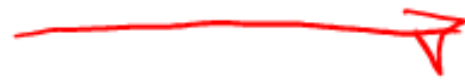
RA



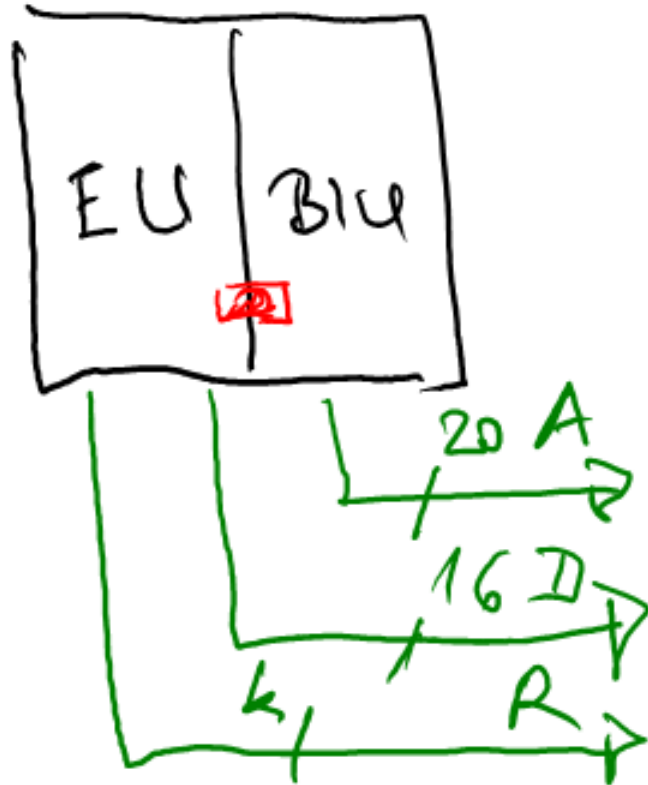
tabul. descriptora

BAS

0006



00206



log-address
segment

$$2^{20} \approx 1 \text{ MB}$$

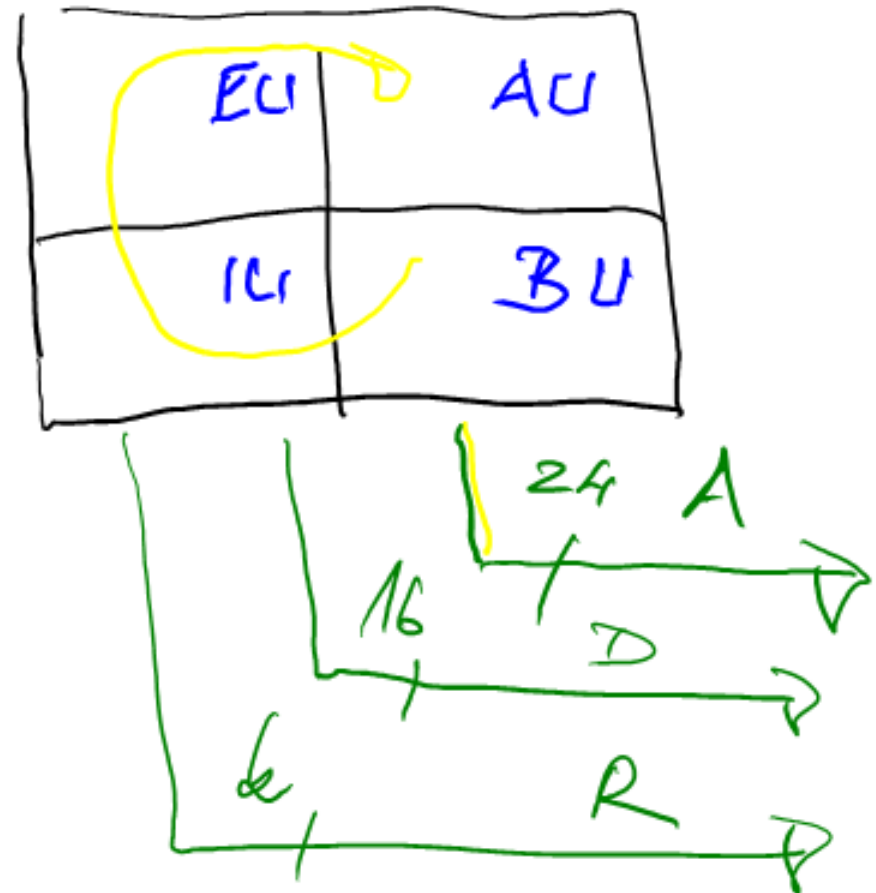
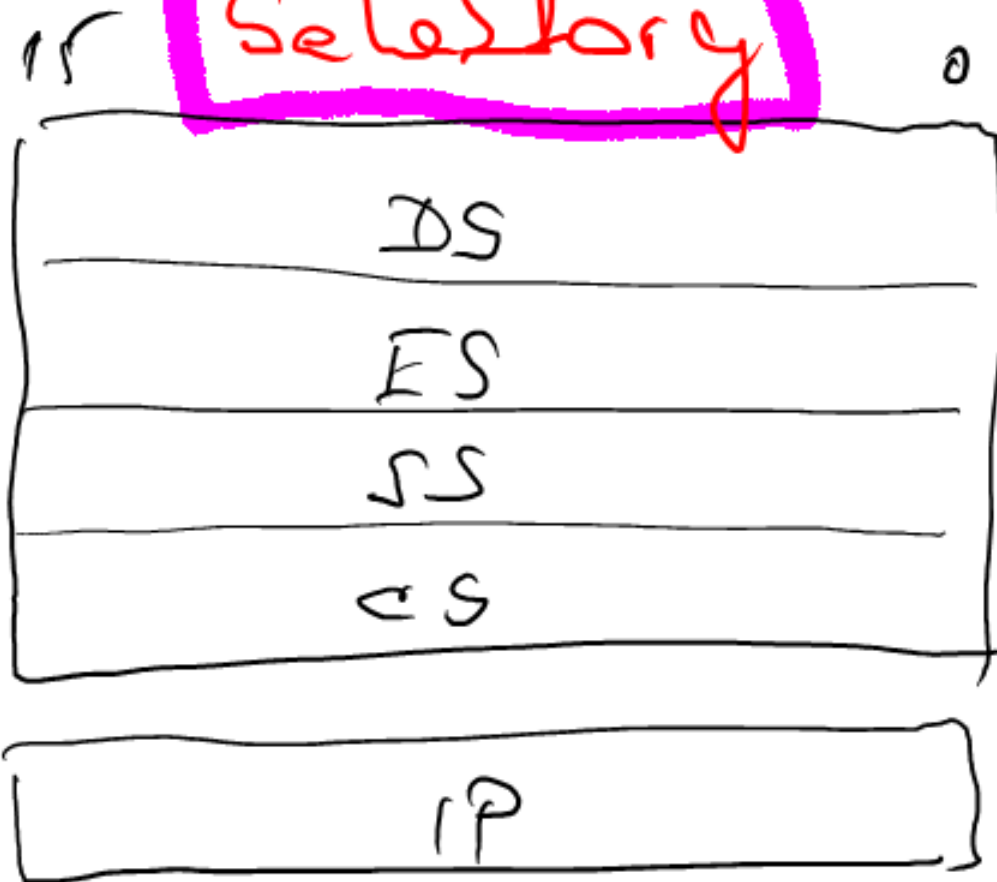
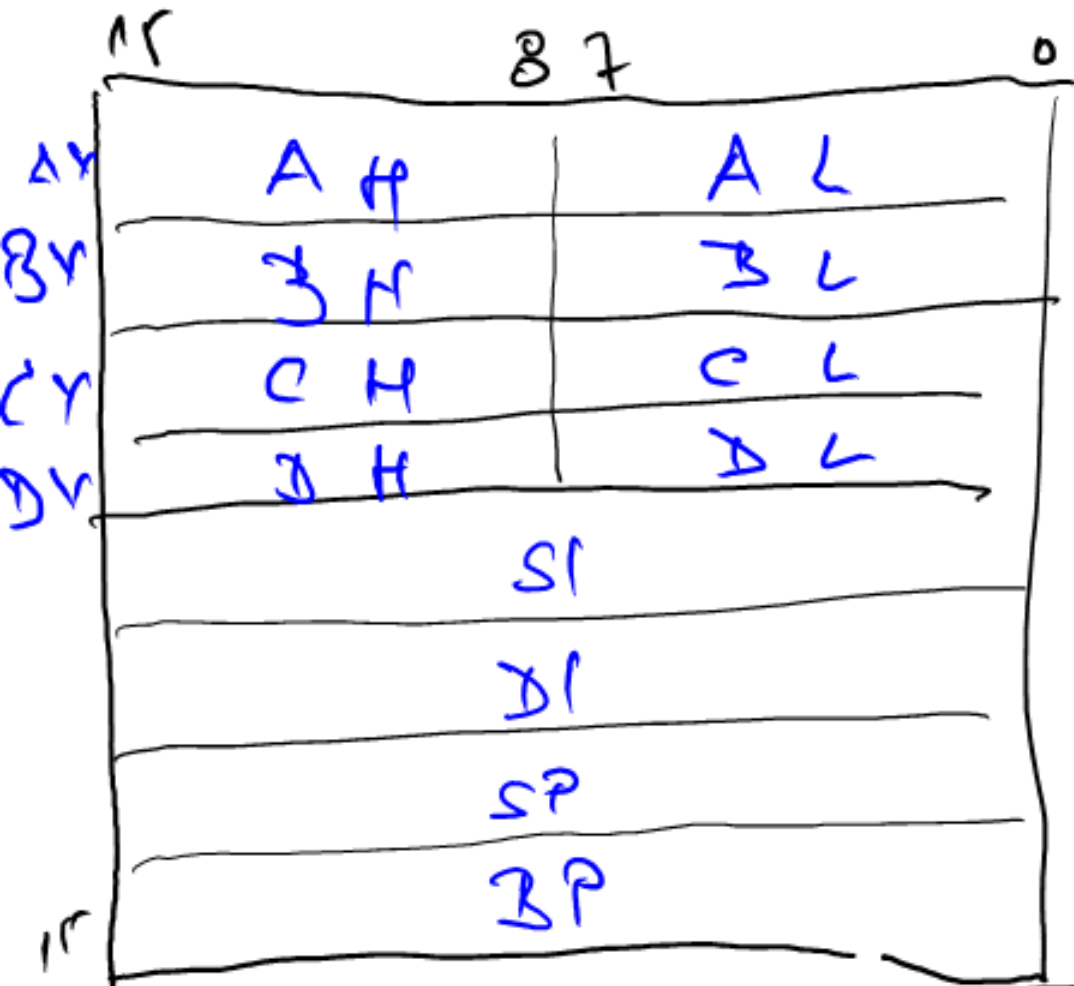


Fig. $2^{24} =$

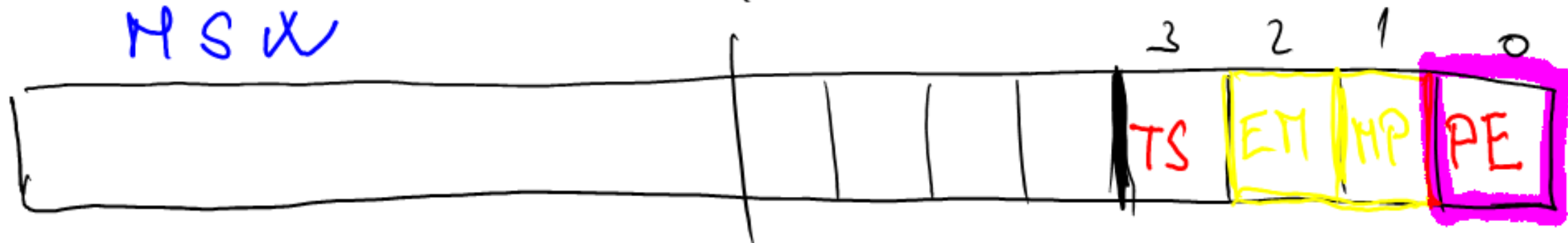
$$2^{24} = 2^{10} \cdot 2^{10} \cdot 2^4 \approx 16 \text{ MB}$$

Virtual: 1 GB

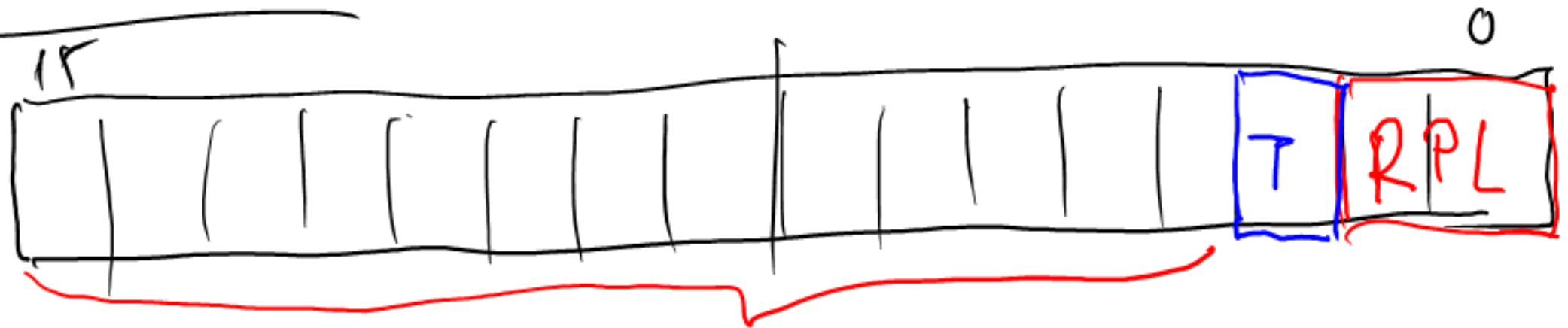
80286:



MSW



Selector

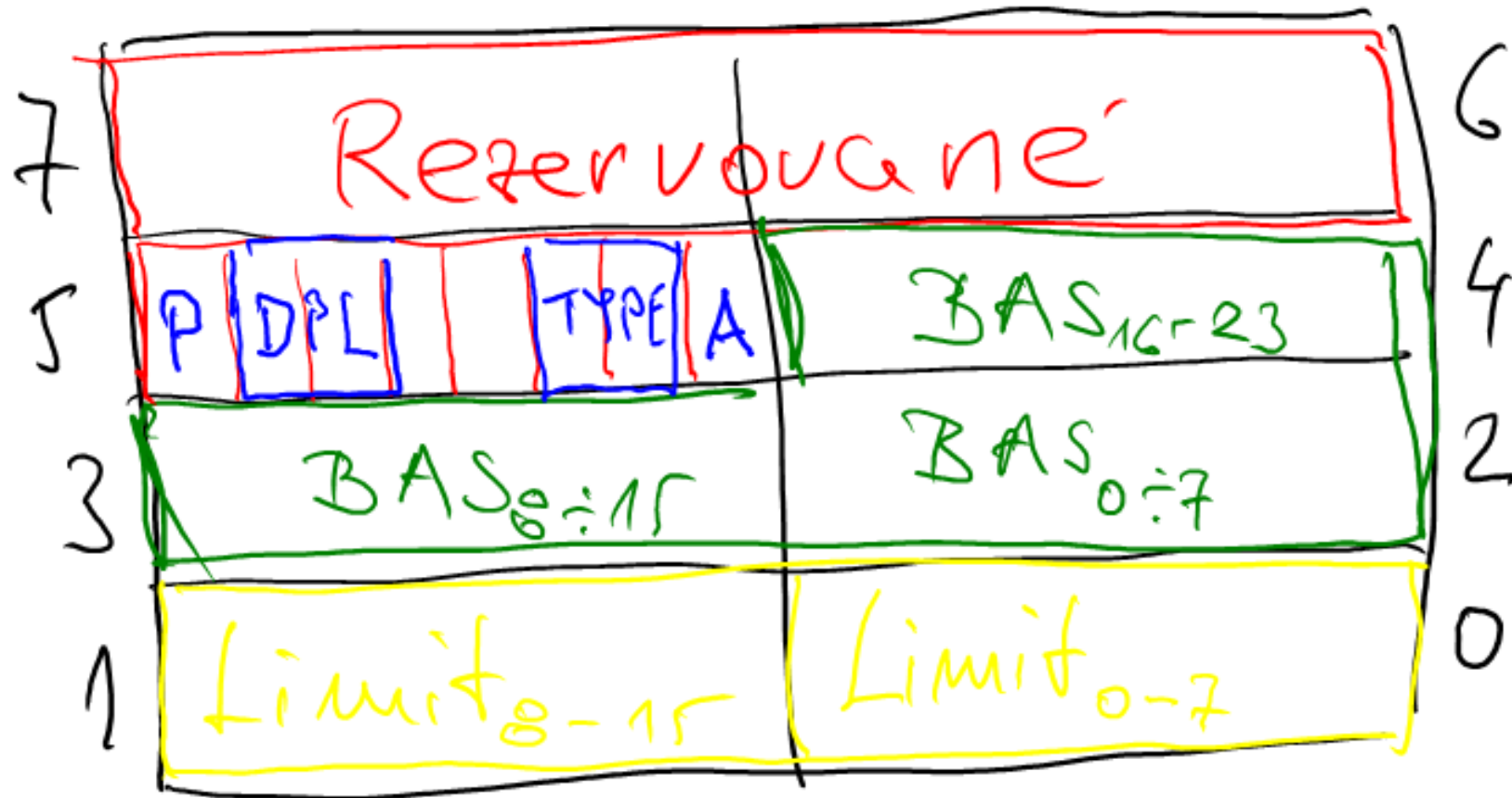


13 bit

{ 8k - Globalnych descriptorov
8k - Lokalnych descriptorov
→ 16k descriptorov

$$2^{14} \cdot 2^{16} = 2^{30} = 1GB \text{ virtual}$$

Descriptor:



SELECTOR

DS
ES
SS
CS

Priv	5	Limit
	3	

PUAM

GDTR
IDTR
LDTR
TSS

BAS	limit.	
BAS	limit	
Princip	BAS	limit
Prisf.	BAS	limit

