

Available Registers



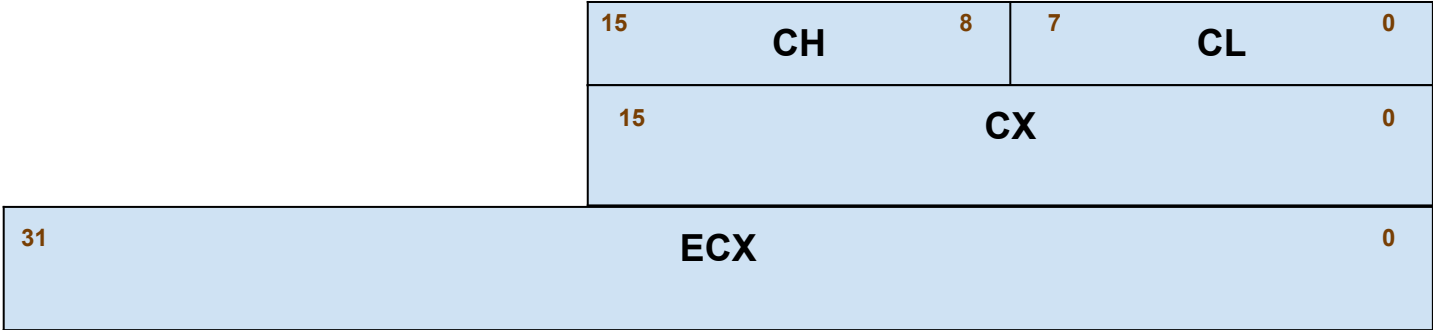
Programmer Vision



Available registers

32 bits	16 bits	8 bits	
%eax	%ax	%ah, %al	
%ebx	%bx	%bh, %bl	
%ecx	%cx	%ch, %cl	
%edx	%dx	%dh, %dl	
%esi	%si		
%edi	%di		
%esp	%sp		Reserved for specific use of subroutines
%ebp	%bp		
%eip			Program counter
%eflags			Status word

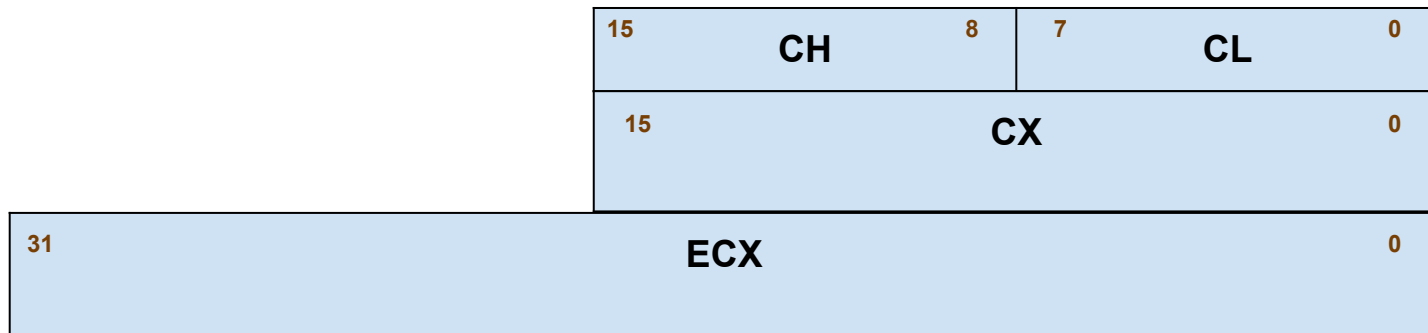
Example



Example



%CX = 0x42A5



Example



$\%CH = 0100\ 0010$

$\%CL = 1010\ 0101$

15	CH	8	7	CL	0
15	CX				0

$\%CX = 0 \times 42A5 = 0100\ 0010\ 1010\ 0101$

Basic Data Types

