

# X86-assembly/Instructions/cdq

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## Description

The `CDQ` (Convert Doubleword to Quadword) instruction extends the sign bit of `EAX` into the `EDX` register.

## Syntax

```
cdq
```

## Examples

```
mov    eax, 0x5    ; eax = 0x5, SF = 0
cdq                    ; edx = 0x00000000
```

```
mov    eax, 0x5    ; eax = 0x5
neg    eax          ; eax = 0xFFFFFFF5, SF = 1
cdq                    ; edx = 0xFFFFFFF5
```

## Comments

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