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Topic: [何時要宣告記憶體為far?](#)

Subject: Re: [何時要宣告記憶體為far?](#)

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2017年01月04日 08:25:17

MPLAB#174; C18 C COMPILER USER ' S GUIDE

## 2.4.1 near/far Data Memory Objects

The far qualifier is used to denote that a variable that is located in data memory lives in a memory bank and that a bank switching instruction is required prior to accessing this variable. The near qualifier is used to denote that a variable located in data memory lives in access RAM.

## 2.4.2 near/far Program Memory Objects

The far qualifier is used to denote that a variable that is located in program memory can be found anywhere in program memory, or, if a pointer, that it can access up to and beyond 64K of program memory space. The near qualifier is used to denote that a variable located in program memory is found at an address less than 64K, or, if a pointer, that it can access only up to 64K of program memory space.