Program Page Checking at Compile Time

INTRODUCTION

In lookup tables, the last entry in the table must be on the same page as the ADDWF PC. Write a macro that checks the address (called $) against the address of the ADDWF (the high 8-bits). There must be an address label at the ADDWF. You could also write one that checked the address against a page number and issue a warning or error.

EXAMPLE 0-1: CODE

Macro CHKPage %1

#IF high (%1) < > high$01)
# If high(%1)#Error

#Endif

Endm

Author: D. Kevin Airy
ARMA Design