

NAG Toolbox for MATLAB

Chapter Introduction

X05 – Date and Time Utilities

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1 Scope of the Chapter

This chapter provides functions to obtain the current real time, and the amount of processor time used.

2 Background to the Problems

2.1 Real Time

Routines are provided to obtain the current time in two different formats, and to compare two such times.

2.2 Processor Time

A function is provided to return the current amount of processor time used. This allows the timing of a particular function or section of code.

3 Recommendations on Choice and Use of Available Functions

x05aa returns the current date/time in integer format.

x05ab converts from integer to character string date/time.

x05ac compares two date/time character strings.

x05ba returns the amount of processor time used.
