

SET TIME

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| { SETTIME } { SET TIME } |
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Function

The SETTIME statement is used in conjunction with the Natural system variable *TIMD to measure the time it takes to execute a specific section of a program.

The SETTIME statement is placed at a specific position in the program, and *TIMD will contain the amount of time elapsed since the execution of the SETTIME statement.

*TIMD must always contain a reference to the SETTIME statement, either by using the source-code line number of the SETTIME statement or by assigning a label to the SETTIME statement which can then be used as a reference.

Example

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/* EXAMPLE 'STIEX1': SETTIME
/*****
DEFINE DATA LOCAL
1 EMPLOY-VIEW VIEW OF EMPLOYEES
  2 NAME
END-DEFINE
/*****
ST. SETTIME
  WRITE 10X 'START TIME:' *TIME
  READ (100) EMPLOY-VIEW BY NAME
  END-READ
  WRITE NOTITLE 10X 'END TIME: ' *TIME
  WRITE          10X 'ELAPSED TIME TO READ 100 RECORDS'
                  '(HH:SS:SS.T) :' *TIMD (ST.) (EM=99:99:99'.9)
/*****
END

```

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|--|
| START TIME: 16:34:17.3 END TIME: 16:34:24.0 ELAPSED TIME TO READ 100 RECORDS (HH:II:SS.T) : 00:00:06.7 |
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