

# Read Environment Variable

Subroutine Name	Executable Example	Viewable Example
W3READ-ENVIRONMENT-ARRAY W3READ-ENVIRONMENT W3READ-ENVIRONMENT-TO-DYNAMIC	E3ENVARY	E3ENVARY

## Description

Reads the first occurrence of a single variable. With W3READ-ENVIRONMENT-ARRAY, a variable can be read beginning with an offset. This can be used to read multiple occurrences of the same variable.

## Parameters

### 1. W3READ-ENVIRONMENT-ARRAY

```

1 W3START          (I4)      /* io/m : Offset to be started at
*                      /*          out: 0 no occurrences
*                      /*          out: >0 more occurrences
1 W3NAME           (A072)   /* i /m : Name of the variable to
*                      /*          be searched for
1 W3VALUESERVER   (A1)     /* i /m : Search for variables from
*                      /*          'S' server
*                      /*          'P' page or URL
*                      /*          ' ' both
1 W3ARRAYCOUNTER (I4)      /* io/m : Size of array,
*                      /*          characters read
1 W3VALUEARRAY    (A001/1:V) /* o/m : Array with the returned value
1 W3VALUELENGTH   (I4)     /* o/m : length of the value

```

### 2. W3READ-ENVIRONMENT

```

1 W3NAME           (A072) /* i /m : Name of the variable
*                      /*          searched for
1 W3VALUESERVER   (A1)   /* i /m : Search for variables in
*                      /*          'S' server
*                      /*          'P' page or URL
*                      /*          ' ' both
1 W3VALUE          (A250) /* o/m : Returned value
1 W3VALUELENGTH   (I4)   /* o/m : Length of the value

```

### 3. W3READ-ENVIRONMENT-TO-DYNAMIC

```

1 W3NAME           (A072) /* i /m : Name of the variable
*                      /*          searched for
1 W3VALUESERVER   (A1)   /* i /m : Search for variables in
*                      /*          'S' server
*                      /*          'P' page or URL
*                      /*          ' ' both
1 W3VALUEDYNAMIC (A) DYNAMIC /* o/m : Returned value

```

## How To Invoke

```
PERFORM W3READ-ENVIRONMENT-ARRAY W3START W3NAME  
W3VALUESERVER W3ARRAYCOUNTER  
W3VALUEARRAY(*) W3VALUELENGTH
```

```
PERFORM W3READ-ENVIRONMENT W3NAME W3VALUESERVER W3VALUE  
W3VALUELENGTH
```

```
PERFORM W3READ-ENVIRONMENT-TO-DYNAMIC W3NAME W3VALUESERVER  
W3VALUEDYNAMIC
```