

# DY - Dynamic Attributes

This session parameter is used to assign attributes for dynamic attribute field display.

<b>Possible settings</b>		See below.
<b>Default setting</b>	none	
<b>Applicable statements:</b>	DISPLAY INPUT PRINT WRITE	Parameter may be specified at statement level and/or at element level.
<b>Applicable command:</b>	none	

Special identification characters (escape characters) are used to indicate the beginning and end of attribute definitions.

An alphanumeric field which is processed with an INPUT, DISPLAY, WRITE or PRINT statement, and which contains escape characters, is split into subfields at the escape character position. The corresponding attribute is then assigned to the subfield. A blank is substituted for the escape character.

## Note:

For a part of a field for which a DY specification applies, the current field presentation and color attributes remain in effect, unless new settings are defined in the DY entry. This means, the field color is only changed by a DY attribute if the DY parameter itself defines a new color. The same applies to the field representation attributes, such as (AD=B, C, D, I, N, U, V).

- DY Parameter Syntax
- Examples

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## DY Parameter Syntax

```
DY={{escape-character1} [color-attribute] [i/o-characteristics] [field-representation-attribute] } . . .
escape-character2}
```

The possible settings are explained below.

### *escape-character1*

An escape character which denotes the beginning of the attribute definition. Any special character or a hexadecimal number preceded by an apostrophe ( 'xx) may be used.

***color-attribute***

The color attribute to be assigned. See also session parameter CD (color definition).

BL	blue
GR	green
NE	neutral
PI	pink
RE	red
TU	turquoise
YE	yellow

***i/o-characteristics***

<b>Value</b>	<b>Meaning</b>
P	Subfield is to be write-protected.

A P may be specified to make the subfield write-protected. See also session parameter AD (attribute definition).

***field-representation-attribute***

Additional attributes to be assigned. See also session parameter AD (attribute definition).

<b>Value</b>	<b>Meaning</b>
B	blinking (*)
C	cursive/italic (*)
D	default intensity
I	intensified
N	non-display
U	underlined
V	reverse video (*)

\* The field representation attributes marked with an asterisk (\*) require corresponding hardware features, and will be ignored at runtime if these features are not available.

***escape-character2***

An escape character which denotes the end of the attribute definition. Any special character (*c*) or a hexadecimal number preceded by an apostrophe ( ' xx) may be used.

You may specify up to eight escape sequences (escape characters and attributes) before the character indicating the end of the attribute definitions.

## Examples

### Example 1:

```
DY=<U>
```

The text string:

```
THIS <is> UNDERLINED
```

is printed as:

```
THIS is UNDERLINED
```

### Example 2:

```
DY=<BL|RE/GR>
```

Assigns:

Blue to <

Red to |

Green to /

> switches back to the initial field color.

### Example 3:

```
DY=<P>;
```

The text string:

```
Do not overwrite <this>
```

is printed as:

```
Do not overwrite this
```

(where this is protected)