

Customizations of nT Layouts & Templates

Space: neoTextil

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neoTextil supports template features that can be used to completely customize the look and feel of the layout to the needs to integrate it with the image designs and informations. neoTextil layouts are entirely text format based to style the page. This document serves as an introduction to the methods available to customize the appearance and an introduction in to how the layout is structured.

Layout customizations use a combination of LYT(*Document Layout file*) and CRD (*Cardfile*) files. To achieve a particular requirement in the exported layout document file, you make changes in one or both of the following:

- The **CRD**, where is used to define the structure of the exported content, including features such as the image position and repetition, headers and footers (defined in LYT). CRD layouts are called **Templates**.
- The **LYT**, where is used to define the style of elements in the exported content, such as font style, color sample patches and the logo. Can be used in templates or attached as color samples in document from nT Colorations document generation.
- LYT, CRD and sub files (logo, fonts, other files) must be stored together in one folder location.

Refer to the descriptions to learn how to write nT Layouts and Templates.

1 Basic

1.1 Encoding

Text file encoding for .LYT and .CRD files, when using special characters.

- Western (Mac OS Roman) in OS X
- Western (Windows Latin 1) in Windows

1.2 Supported Units

Supported unit is points.

1.3 Tags

All tags must be in uppercase.

1.4 Separators

PARAMETER	DESCRIPTION	REQUIREMENT
<	Begin of block.	required
>	End of block.	required
=	Equal attribute to value.	required
" "	Begin and end of value	required

```
<TITLE
  STRING="my layout"
>
```

1.5 Values

PARAMETER	DESCRIPTION	REQUIREMENT
#	Hex value.	required

PARAMETER	DESCRIPTION	REQUIREMENT
Y	Yes value.	required
N	No value.	required

BORDER_COLOR="#808080"
FILLREP="Y"
FILLREP="N"

2 Variables

The variables are divided in header and sample variables.

2.1 Header Variables

PARAMETER	DESCRIPTION	REQUIREMENT
__DocumentName	Name of document	optional
__ColorationName	Name of coloration	optional
__Date	Date (DD/MM/YYYY)	optional
__Time	Time (HH:mm:ss)	optional
__Comments	Comments	optional

2.2 Sample Variables

PARAMETER	DESCRIPTION	REQUIREMENT
__Page	Page number	optional
__Order	Order number	optional

3 Field Names

The field name are parameters to use item attributes.

PARAMETER	DESCRIPTION	REQUIREMENT
Color	Contains the colour value	optional
Gradient	Contains the gradient value	optional
PrinterColor	Contains an other colour value (unused)	optional
PrinterGradient	Contains an other gradient value (unused)	optional
Name	Contains the colour name	optional
Library	Contains the colour library name	optional
Code	Contains the colour code	optional
Channel	Contains the channel name	optional
ColorLib	OBSOLETE	optional
GradientPart	Contains the gradient step value (opacity)	optional
ColorPart1	Custom field	optional
ColorPart2	Custom field	optional
ColorPart3	Custom field	optional
ColorPart4	Custom field	optional
Part1	Custom field	optional
Part2	Custom field	optional
Part3	Custom field	optional
Part4	Custom field	optional
Profile	Contains the colour profile name	optional
InkLevels	Contains the colour ink levels (colour device)	optional

4 Common Attributes

The common attributes are used as virtual elements.

PARAMETER	DESCRIPTION	REQUIREMENT
TOP	top position	required
LEFT	left position	required
WIDTH	width size	required
HEIGHT	height size	required
INDEX	index	required

5 Technical Card

The technical cards support input imagedata to enter from any image file. This is managed by the **Standard.id** template that is installed with neoTextil in your computer.

5.1 Prefix of Fields

Available default and customized prefix variables.

PREFIX	DESCRIPTION
__DOC	Variable from document
__CLR	Variable from coloration
__SYS	Variable from system
__USR_DOC	Variable for customization of document
__USR_CLR	Variable for customization of coloration
__USR_SYS	Variable for customization of system

5.2 Fields

Default fields to call for available variables.

PARAMETER	DESCRIPTION
__DOC_Name	Name of document
__CLR_Name	Name of coloration
__SYS_Date	Date
__SYS_Time	Time
__CLR_Comments	Comments

PARAMETER	DESCRIPTION
__CLR_CountItems	Number of channels
__CLR_CountActiveItems	Number of active channels
__DOC_PixWidth	Document width in pixels
__DOC_MmWidth	Document width in mm
__DOC_CmWidth	Document width in cm
__DOC_MtWidth	Document width in m
__DOC_InchWidth	Document width in inches
__DOC_PtWidth	Document width in points
__DOC_PixHeight	Document height in pixels
__DOC_MmHeight	Document height in mm
__DOC_CmHeight	Document height in cm
__DOC_MtHeight	Document height in m
__DOC_InchHeight	Document height in inches
__DOC_PtHeight	Document height in points
__DOC_InchHRes	Document resolution in dpi
__DOC_CmHRes	Document resolution in pix/cm
__DOC_RappOffset	Rapport offset

PARAMETER	DESCRIPTION
__DOC_RappDir	Direction of rapport
__CLR_ColorSpace	Color mode of coloration
__CLR_ColorProfile	Profile of coloration
__SYS_RGBProfile	Photoshop RGB Profile
__SYS_CMYKProfile	Photoshop CMYK Profile
__SYS_LabProfile	Photoshop Lab Profile
__CLR_Location	Localization

6 LYT Items

The LYT layout structure is build in groups (containers). Refer to the LYT items section to learn about options that the containers offering.

TAG	DESCRIPTION	REQUIREMENT
TITLE	Contains name of the LYT layout that will be shown in nT Colorations	required
HEADER	Contains size, logo and text	optional
BODY	Contains size, information of each channel, as color, composition, channel name, channel order and position.	optional
RULES	Contains rules of gradient percentages	optional

Structure

```
<TITLE  
  STRING  
>  
<HEADER  
>  
  
<RULES  
>  
  
<BODY  
>
```

6.1 LYT Containers

The headers are LYT containers which can contain options for sizes, images, text, body, rules and fields to use individually in the layout.

6.1.1 No Body

The option to use header without body.

Sample Code

```
1  <TITLE
2    STRING="Sample_Header"
3  >
4  <HEADER
5    WIDTH="130"
6    HEIGHT="95"
7
8    <IMAGE
9      PATH=" : Logo . psd"
10     TOP="0"
11     LEFT="5"
12   >
13
14   <FIELD
15     NAME="__DocumentName"
16     TOP="35"
17     LEFT="10"
18     WIDTH="250"
19     HEIGHT="12"
20     FONT_NAME="Futura"
21     FONT_SIZE="11"
22   >
23
24   <FIELD
25     NAME="__ColorationName"
26     TOP="50"
27     LEFT="10"
28     WIDTH="250"
29     HEIGHT="12"
30     FONT_NAME="Futura"
31     FONT_SIZE="11"
32   >
33   <FIELD
34     NAME="__Date"
35     TOP="65"
36     LEFT="10"
37     WIDTH="250"
38     HEIGHT="12"
39     FONT_NAME="Futura"
40     FONT_SIZE="11"
41   >
42   <FIELD
43     NAME="__Time"
44     TOP="80"
45     LEFT="10"
46     WIDTH="250"
47     HEIGHT="12"
48     FONT_NAME="Futura"
49     FONT_SIZE="11"
50   >
51   >
```

Sample Image Result



6.1.2 Automatic Body

One of the options is to make automatic body with next channel and color.

Sample Code

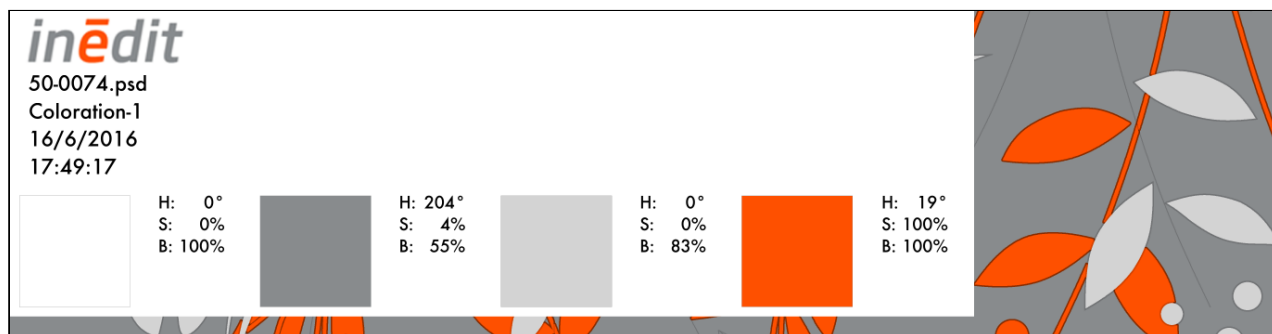
```

1  <TITLE
2      STRING="Sample_Header"
3  >
4  <HEADER
5      WIDTH="130"
6      HEIGHT="95"
7
8      <IMAGE
9          PATH=" : Logo . psd"
10         TOP="0"
11         LEFT="5"
12     >
13     <FIELD
14         NAME="__DocumentName"
15         TOP="35"
16         LEFT="10"
17         WIDTH="250"
18         HEIGHT="12"
19         FONT_NAME="Futura"
20         FONT_SIZE="11"
21     >
22     <FIELD
23         NAME="__ColorationName"
24         TOP="50"
25         LEFT="10"
26         WIDTH="250"
27         HEIGHT="12"
28         FONT_NAME="Futura"
29         FONT_SIZE="11"
30     >
31     <FIELD
32         NAME="__Date"
33         TOP="65"
34         LEFT="10"
35         WIDTH="250"
36         HEIGHT="12"
37         FONT_NAME="Futura"
38         FONT_SIZE="11"
39     >
40     <FIELD
41         NAME="__Time"
42         TOP="80"
43         LEFT="10"
44         WIDTH="250"
45         HEIGHT="12"
46         FONT_NAME="Futura"
47         FONT_SIZE="11"
48     >
49 >
50 <BODY
51     WIDTH="130"
52     HEIGHT="70"
53
54     <FILTERCOLOR
55         NAME="Color"
56         TOP="5"
57         LEFT="5"

```

```
58      WIDTH="60"  
59      HEIGHT="60"  
60      BORDER_COLOR="#808080"  
61      BORDER_WIDTH="1"  
62      BORDER_HEIGHT="1"  
63      >  
64      <FILTERCOLOR  
65          NAME="Color"  
66          CAPTION="Color"  
67          TOP="5"  
68          LEFT="80"  
69          WIDTH="90"  
70          HEIGHT="60"  
71          COMPOSITION="HSB"  
72          FONT_NAME="Futura"  
73          FONT_SIZE="9"  
74      >  
75      >
```

Sample Image Result



6.1.3 Position Body

The option to set the body position in the layout.

Sample Code

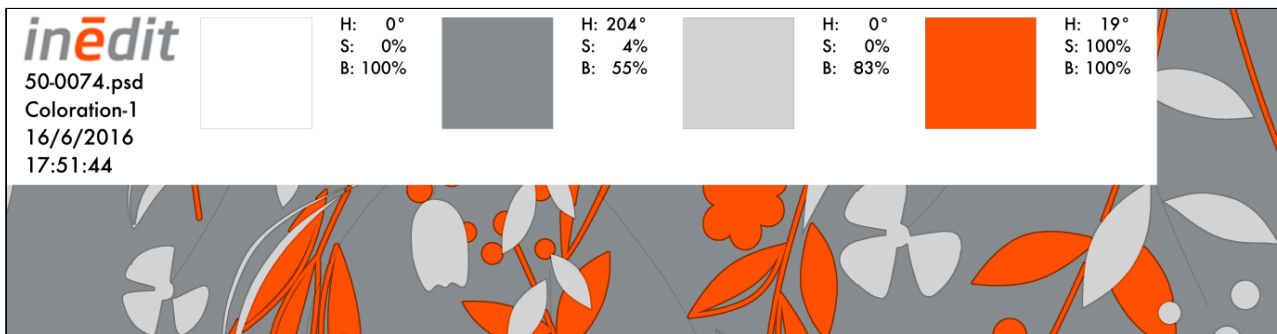
```

1  <TITLE
2      STRING="Sample_Header"
3  >
4  <HEADER
5      WIDTH="130"
6      HEIGHT="95"
7
8      <IMAGE
9          PATH=" : Logo.psd"
10         TOP="0"
11         LEFT="5"
12     >
13     <FIELD
14         NAME="__DocumentName"
15         TOP="35"
16         LEFT="10"
17         WIDTH="250"
18         HEIGHT="12"
19         FONT_NAME="Futura"
20         FONT_SIZE="11"
21     >
22     <FIELD
23         NAME="__ColorationName"
24         TOP="50"
25         LEFT="10"
26         WIDTH="250"
27         HEIGHT="12"
28         FONT_NAME="Futura"
29         FONT_SIZE="11"
30     >
31     <FIELD
32         NAME="__Date"
33         TOP="65"
34         LEFT="10"
35         WIDTH="250"
36         HEIGHT="12"
37         FONT_NAME="Futura"
38         FONT_SIZE="11"
39     >
40     <FIELD
41         NAME="__Time"
42         TOP="80"
43         LEFT="10"
44         WIDTH="250"
45         HEIGHT="12"
46         FONT_NAME="Futura"
47         FONT_SIZE="11"
48     >
49 >
50 <BODY
51     TOP="0"
52     LEFT="100"
53     WIDTH="130"
54     HEIGHT="70"
55
56     <FILTERCOLOR
57         NAME="Color"

```

```
58     TOP="5"  
59     LEFT="5"  
60     WIDTH="60"  
61     HEIGHT="60"  
62     BORDER_COLOR="#808080"  
63     BORDER_WIDTH="1"  
64     BORDER_HEIGHT="1"  
65     >  
66     <FILTERCOLOR  
67     NAME="Color"  
68     CAPTION="Color"  
69     TOP="5"  
70     LEFT="80"  
71     WIDTH="90"  
72     HEIGHT="60"  
73     COMPOSITION="HSB"  
74     FONT_NAME="Futura"  
75     FONT_SIZE="9"  
76     >  
77     >
```

Sample Image Result



6.1.4 Rules Body

The option to make body rules with channels, gradients and colors in the layout.

Sample Code

```

1  <TITLE
2      STRING="Sample_Header"
3  >
4  <HEADER
5      WIDTH="130"
6      HEIGHT="95"
7
8      <IMAGE
9          PATH=" : Logo . psd"
10         TOP="0"
11         LEFT="5"
12     >
13     <FIELD
14         NAME="__DocumentName"
15         TOP="35"
16         LEFT="10"
17         WIDTH="250"
18         HEIGHT="12"
19         FONT_NAME="Futura"
20         FONT_SIZE="11"
21     >
22     <FIELD
23         NAME="__ColorationName"
24         TOP="50"
25         LEFT="10"
26         WIDTH="250"
27         HEIGHT="12"
28         FONT_NAME="Futura"
29         FONT_SIZE="11"
30     >
31     <FIELD
32         NAME="__Date"
33         TOP="65"
34         LEFT="10"
35         WIDTH="250"
36         HEIGHT="12"
37         FONT_NAME="Futura"
38         FONT_SIZE="11"
39     >
40     <FIELD
41         NAME="__Time"
42         TOP="80"
43         LEFT="10"
44         WIDTH="250"
45         HEIGHT="12"
46         FONT_NAME="Futura"
47         FONT_SIZE="11"
48     >
49 >
50 <RULES
51     HEIGHT="15"
52
53     <GRADIENT
54         NAME="Rules"
55         TOP="5"
56         LEFT="5"
57         WIDTH=" 275"

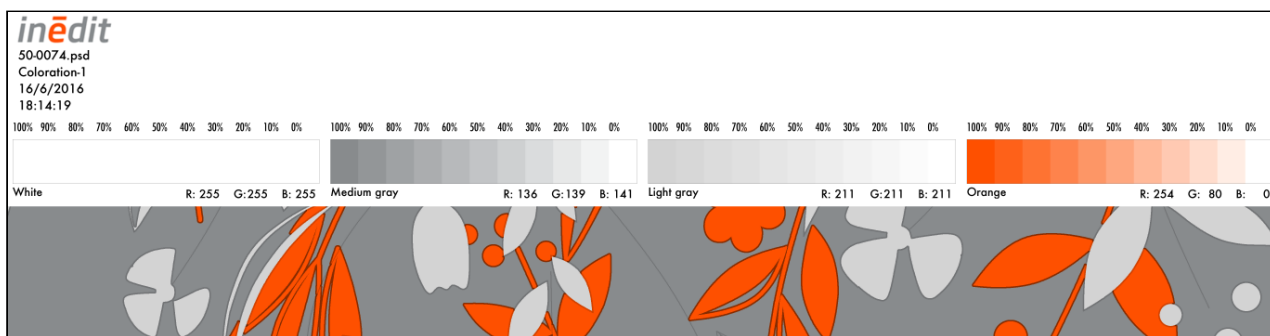
```

```

58         HEIGHT="11"
59         COLUMNS="11"
60         LPARTS="100%,90%,80%,70%,60%,50%,40%,30%,20%,10%,0%"
61         DMODE="DMP"
62         FONT_NAME="Futura-CondensedMedium"
63         FONT_SIZE="10"
64     >
65 >
66 <BODY
67     WIDTH="285"
68     HEIGHT="65"
69
70     <GRADIENT
71         NAME="Gradient"
72         TOP="5"
73         LEFT="5"
74         WIDTH="275"
75         HEIGHT="40"
76         COLUMNS="11"
77         PERCENTAGES="100,90,80,70,60,50,40,30,20,10,0"
78         LPARTS="100%,90%,80%,70%,60%,50%,40%,30%,20%,10%,0%"
79         BORDER_COLOR="#808080"
80         BORDER_WIDTH="1"
81         BORDER_HEIGHT="1"
82     >
83     <FIELD
84         NAME="Name"
85         TOP="48"
86         LEFT="5"
87         WIDTH="145"
88         HEIGHT="10"
89         FONT_NAME="Futura-Medium"
90         FONT_SIZE="10"
91     >
92     <GRADIENT
93         NAME="Gradient"
94         TOP="50"
95         LEFT="160"
96         WIDTH="120"
97         HEIGHT="10"
98         COLUMNS="1"
99         PERCENTAGES="100"
100        COMPOSITION="RGB"
101        ARRANGE="H"
102        FONT_NAME="Futura-Medium"
103        FONT_SIZE="10"
104    >
105 >

```

Sample Image Result



6.2 LYT Items

The LYT group contain items. With each next item it is possible to use previously attributes.

6.2.1 ITEM

The option `ITEM` is the base of rest of items.

Supported attributes for option `ITEM`:

ATTRIBUTE	DESCRIPTION	REQUIREMENT
<code>BORDER_WIDTH</code>	Width of border in points	optional
<code>BORDER_HEIGHT</code>	Height of border in points	optional
<code>BORDER_COLOR</code>	Border color in hex values	optional
<code>BACKGROUND</code>	Background color in hex values	optional
<code>FORECOLOR</code>	Forecolor color in hex values	optional

Sample



Sample Code

```
1  <TITLE
2    STRING="Sample_Item"
3  >
4  <HEADER
5    WIDTH= "300"
6    HEIGHT="150"
7
8    <ITEM
9      NAME="Frame"
10     TOP="10"
11     LEFT="10"
12     WIDTH="280"
13     HEIGHT="10"
14     BACKGROUND="#FF6700"
15     BORDER_COLOR="#000000"
16     BORDER_WIDTH="1"
17     BORDER_HEIGHT="1"
18   >
19 >
```

6.2.2 TEXT

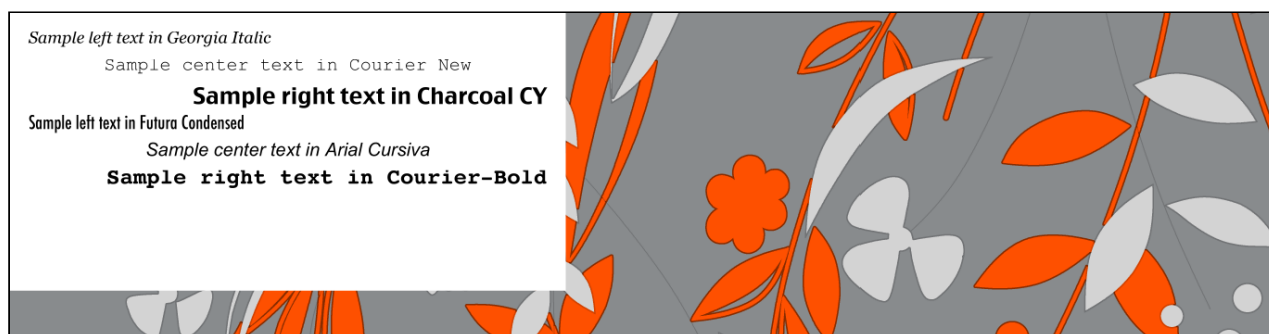
Option TEXT is to add text values and styles.

Supported attributes for option TEXT :

ATTRIBUTE	DESCRIPTION	REQUIREMENT
STRING	Text value	required
TEJUST	Text justification. Values: L, C, R.	optional
FONT_NAME	Internal PostScript name of installed font	optional
FONT_SIZE	Font size in points	optional
FONT_STYLE	⚠ <i>Obsolete. Uses font type.</i>	<i>optional</i>
FILLCHAR	ASCII value (default = 32 = space). Export text file proposes.	optional

 And all ITEM attributes.

Sample



Sample Code

```

1  <TITLE
2      STRING="Sample_Text"
3  >
4  <HEADER
5      WIDTH= "300"
6      HEIGHT="150"
7
8      <TEXT
9          STRING="Sample left text in Georgia Italic"
10         TOP="10"
11         LEFT="10"
12         WIDTH="280"
13         HEIGHT="15"
14         FONT_NAME="Georgia-Italic"
15         FONT_SIZE="9"
16         TEJUST="L"
17     >
18     <TEXT
19         STRING="Sample center text in Courier New"
20         TOP="25"
21         LEFT="10"
22         WIDTH="280"
23         HEIGHT="15"
24         FONT_NAME="CourierNewPSMT"
25         FONT_SIZE="10"
26         TEJUST="C"
27     >
28     <TEXT
29         STRING="Sample right text in Charcoal CY"
30         TOP="40"
31         LEFT="10"
32         WIDTH="280"
33         HEIGHT="15"
34         FONT_NAME="CharcoalCY"
35         FONT_SIZE="12"
36         TEJUST="R"
37     >
38     <TEXT
39         STRING="Sample left text in Futura Condensed"
40         TOP="55"
41         LEFT="10"
42         WIDTH="280"
43         HEIGHT="15"
44         FONT_NAME="Futura-CondensedMedium"
45         FONT_SIZE="10"
46         TEJUST="L"
47     >
48     <TEXT
49         STRING="Sample center text in Arial Cursiva"
50         TOP="70"
51         LEFT="10"
52         WIDTH="280"
53         HEIGHT="15"
54         FONT_NAME="Arial-ItalicMT"
55         FONT_SIZE="10"
56         TEJUST="C"

```

```
57      >
58      <TEXT
59          STRING="Sample right text in Courier-Bold"
60          TOP="85"
61          LEFT="10"
62          WIDTH="280"
63          HEIGHT="15"
64          FONT_NAME="Courier-Bold"
65          FONT_SIZE="12"
66          TEJUST="R"
67      >
68  >
```

6.2.3 FIELD

Option FIELD is the value of the field name from document, coloration, channel etc.

Supported attributes for option FIELD:

ATTRIBUTE	DESCRIPTION	REQUIREMENT
NAME	Name of the field	required
CAPTION	Title of the field	optional
MAXLENGHT	Number of characters. Export text file proposes.	optional
TYPE	Type of the field. Default is String (19). More: Integer (8), Float (12)	optional
FORMAT	Standard printf format in string. E.g. "%03d"	optional
BOOLTRUE	If the type is bool and value true, it replace output by this value.	optional
BOOLFALSE	If the type is bool and value false, it replace output by this value.	optional
SUFIX	Is the code reference.	optional

 And all previously attributes.

Sample



Sample Code

```

1  <TITLE
2      STRING="Sample_Field"
3  >
4  <HEADER
5      WIDTH="300"
6      HEIGHT="150"
7
8      <FIELD
9          NAME="__USR_DOC_Design"
10         CAPTION="Design"
11         TOP="10"
12         LEFT="5"
13         WIDTH="190"
14         HEIGHT="15"
15         FONT_NAME="Futura-Medium"
16         FONT_SIZE="10"
17         MAXLENGTH="30"
18     >
19
20     <FIELD
21         NAME="__USR_CLR_Customer"
22         CAPTION="Customer"
23         TOP="25"
24         LEFT="5"
25         WIDTH="190"
26         HEIGHT="15"
27         FONT_NAME="Futura-Medium"
28         FONT_SIZE="10"
29         MAXLENGTH="30"
30     >
31     <FIELD
32         NAME="__USR_CLR_Company"
33         CAPTION="Company"
34         TOP="40"
35         LEFT="5"
36         WIDTH="190"
37         HEIGHT="15"
38         FONT_NAME="Futura-Medium"
39         FONT_SIZE="10"
40         MAXLENGTH="30"
41     >
42     <FIELD
43         NAME="__USR_CLR_Reference"
44         CAPTION="Reference"
45         SUFFIX="r"
46         TOP="55"
47         LEFT="5"
48         WIDTH="190"
49         HEIGHT="15"
50         FONT_NAME="Futura-Medium"
51         FONT_SIZE="10"
52         FORMAT="%03d"
53         MAXLENGTH="3"
54         TYPE="6"
55     >
56

```

```
57 <FIELD
58     NAME="__USR_CLR_Inks"
59     CAPTION="Inks"
60     TOP="70"
61     LEFT="5"
62     WIDTH="190"
63     HEIGHT="15"
64     FONT_NAME="Futura-Medium"
65     FONT_SIZE="10"
66     MAXLENGTH="25"
67     BOOLTRUE="Reactive"
68     BOOLFALSE="Standard"
69     TYPE="2"
70 >
71 <FIELD
72     NAME="__SYS_Date"
73     CAPTION="Data"
74     TOP="85"
75     LEFT="5"
76     WIDTH="190"
77     HEIGHT="15"
78     FONT_NAME="Futura-Medium"
79     FONT_SIZE="10"
80     MAXLENGTH="18"
81 >
82 >
```

6.2.4 GRADIENT

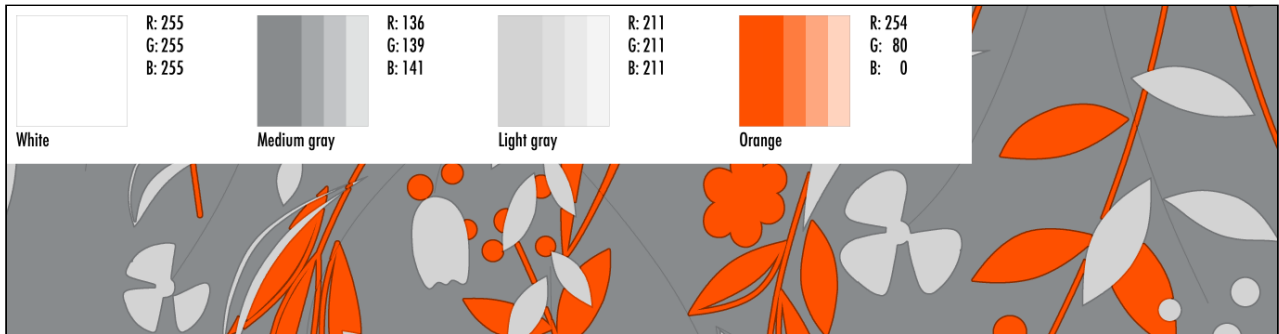
Option GRADIENT is to add gradient types and styles.

Supported attributes for option GRADIENT :

ATTRIBUTE	DESCRIPTION	REQUIREMENT
COLUMNS	number of columns	required
PERCENTAGES	list of percentages like "100, 50, 0"	optional
COLUMNSIZE	size of column	optional
LPARTS	list of parts strings like "1/4, 1/2, 1/1" or "100%, 50%, 0%"	optional
DMODE	drawing mode	optional
DMN	mode colors	optional
DMC	mode control points	optional
DMP	mode parts string	optional

 And all previously attributes.

Sample 1



Sample Code

```
1  <TITLE
2    STRING="Sample_Gradient1"
3  >
4  <BODY
5    WIDTH= "130"
6    HEIGHT="85"
7
8    <GRADIENT
9      NAME="Gradient"
10     TOP="5"
11     LEFT="5"
12     WIDTH= "60"
13     HEIGHT="60"
14     COLUMNS="5"
15     PERCENTAGES="100,100,75,50,25"
16     LPARTS="100%,100%,75%,50%,25%"
17     BORDER_COLOR="#808080"
18     BORDER_WIDTH= "1"
19     BORDER_HEIGHT="1"
20   >
21   <FILTERCOLOR
22     NAME="Color"
23     CAPTION="Color"
24     TOP="5"
25     LEFT="75"
26     WIDTH="45"
27     HEIGHT="60"
28     COMPOSITION="RGB"
29     ARRANGE="V"
30     FONT_NAME="Futura-CondensedMedium"
31     FONT_SIZE="10"
32   >
33   <FIELD
34     NAME="Name"
35     TOP="68"
36     LEFT="5"
37     WIDTH= "120"
38     HEIGHT="10"
39     FONT_NAME="Futura-CondensedMedium"
40     FONT_SIZE="10"
41   >
42 >
```

Sample 2



Sample Code

```

1  <TITLE
2      STRING="Sample_Gradient2"
3  >
4  <RULES
5      HEIGHT="15"
6
7      <GRADIENT
8          NAME="Rules"
9          TOP="5"
10         LEFT="5"
11         WIDTH= "275"
12         HEIGHT="11"
13         COLUMNS="11"
14         LPARTS="100%,90%,80%,70%,60%,50%,40%,30%,20%,10%,0%"
15         DMODE="DMP"
16         FONT_NAME="Futura-CondensedMedium"
17         FONT_SIZE="10"
18     >
19 >
20 <BODY
21     WIDTH="285"
22     HEIGHT="65"
23
24     <GRADIENT
25         NAME="Gradient "
26         TOP="5"
27         LEFT="5"
28         WIDTH="275"
29         HEIGHT="40"
30         COLUMNS="11"
31         PERCENTAGES="100,90,80,70,60,50,40,30,20,10,0"
32         LPARTS="100%,90%,80%,70%,60%,50%,40%,30%,20%,10%,0%"
33         BORDER_COLOR="#808080"
34         BORDER_WIDTH="1"
35         BORDER_HEIGHT="1"
36     >
37     <FIELD
38         NAME="Name"
39         TOP="48"
40         LEFT="5"
41         WIDTH="145"
42         HEIGHT="10"
43         FONT_NAME="Futura-Medium"
44         FONT_SIZE="10"
45     >
46     <GRADIENT
47         NAME="Gradient"
48         TOP="50"
49         LEFT="160"
50         WIDTH="120"
51         HEIGHT="10"
52         COLUMNS="1"
53         PERCENTAGES="100"
54         COMPOSITION="RGB"
55         ARRANGE="H"
56         FONT_NAME="Futura-Medium"

```

```
57 FONT_SIZE="10"  
58 >  
59 >
```

6.2.5 FILTERCOLOR

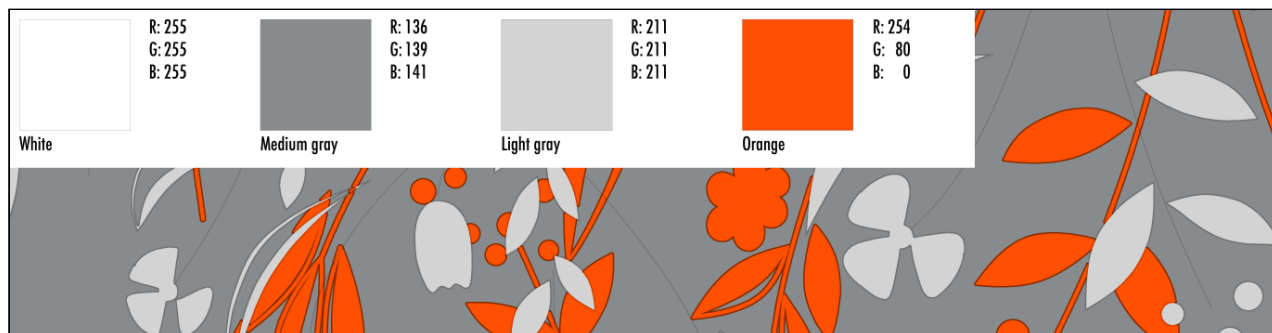
Option FILTERCOLOR is to add colors in values and styles.

Supported attributes for option FILTERCOLOR.

ATTRIBUTE	DESCRIPTION	REQUIREMENT
COMPOSITION	composition types: NATIVE, RGB, HSB, CMYK, LAB, GRAY, HSL, XYZ	required
COMPSEP	composition separator	optional
COMPCOMPACT	sets the range of the colour values as 0.255 or 0.100	optional
COMPPERCENT	sets the range of the colour values as 0.255 or 0.100	optional
ARRANGE	arrangement of gradient: V (vertical) or H (horizontal)	required
GAP_WIDTH		optional
GAP_HEIGHT		optional
GAP_DELTA		optional
PATH	path for textures	optional

 And all previously attributes.

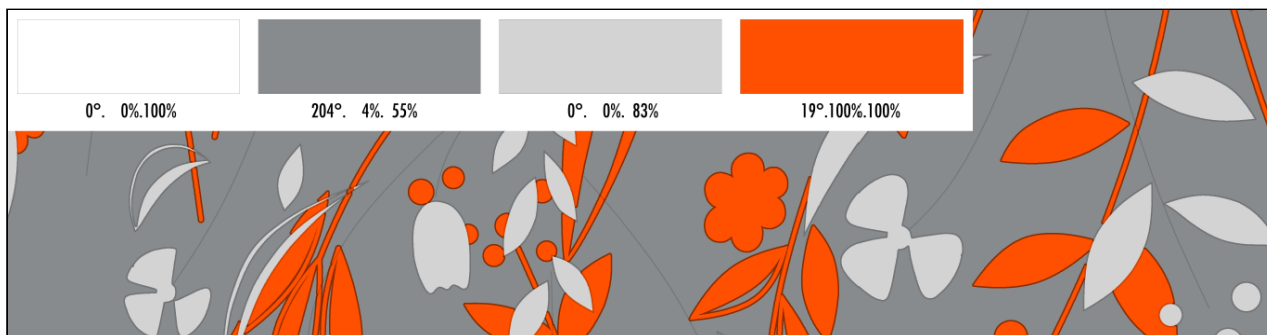
Sample 1



Sample Code

```
1  <TITLE
2    STRING="Sample_Color"
3  >
4  <BODY
5    WIDTH= "130"
6    HEIGHT="85"
7
8    <FILTERCOLOR
9      NAME="Color"
10     TOP="5"
11     LEFT="5"
12     WIDTH= "60"
13     HEIGHT="60"
14     BORDER_COLOR="#808080"
15     BORDER_WIDTH= "1"
16     BORDER_HEIGHT="1"
17   >
18   <FILTERCOLOR
19     NAME="Color"
20     CAPTION="Color"
21     TOP="5"
22     LEFT="75"
23     WIDTH="45"
24     HEIGHT="60"
25     COMPOSITION="RGB"
26     ARRANGE="V"
27     FONT_NAME="Futura-CondensedMedium"
28     FONT_SIZE="10"
29   >
30   <FIELD
31     NAME="Name"
32     TOP="68"
33     LEFT="5"
34     WIDTH= "120"
35     HEIGHT="10"
36     FONT_NAME="Futura-CondensedMedium"
37     FONT_SIZE="10"
38   >
39  >
```

Sample 2



Sample Code

```

1  <TITLE
2      STRING="Sample_Color2"
3  >
4  <BODY
5      WIDTH= "130"
6      HEIGHT="65"
7
8      <FILTERCOLOR
9          NAME="Color"
10         TOP="5"
11         LEFT="5"
12         WIDTH="120"
13         HEIGHT="40"
14         BORDER_COLOR="#808080"
15         BORDER_WIDTH= "1"
16         BORDER_HEIGHT="1"
17     >
18     <FILTERCOLOR
19         NAME="Color"
20         CAPTION=""
21         TOP="50"
22         LEFT="32"
23         WIDTH="60"
24         HEIGHT="10"
25         COMPOSITION="HSB"
26         COMPSEP=" . "
27         ARRANGE="H"
28         FONT_NAME="Futura -CondensedMedium"
29         FONT_SIZE="10"
30     >
31 >

```

Sample GAP



Sample Code

```
1  <TITLE
2    STRING="Color_50x50"
3  >
4  <BODY
5    WIDTH= "50"
6    HEIGHT="50"
7
8    <FILTERCOLOR
9      NAME="Color"
10     TOP="0"
11     LEFT="0"
12     WIDTH= "47"
13     HEIGHT="50"
14     GAP_WIDTH= "3"
15   >
16 >
```

6.2.6 IMAGE

Option IMAGE is to add images with positions.

Supported attributes for option IMAGE :

ATTRIBUTE	DESCRIPTION	REQUIREMENT
IMAGE	To set the image path relative to layout disc location use	optional

i And all previously attributes.

Sample



Sample Code

```
1 <HEADER
2   WIDTH="300"
3   HEIGHT="100"
4
5   <IMAGE
6     PATH=" : Logo . psd"
7     TOP="10"
8     LEFT="10"
9   >
10 >
```

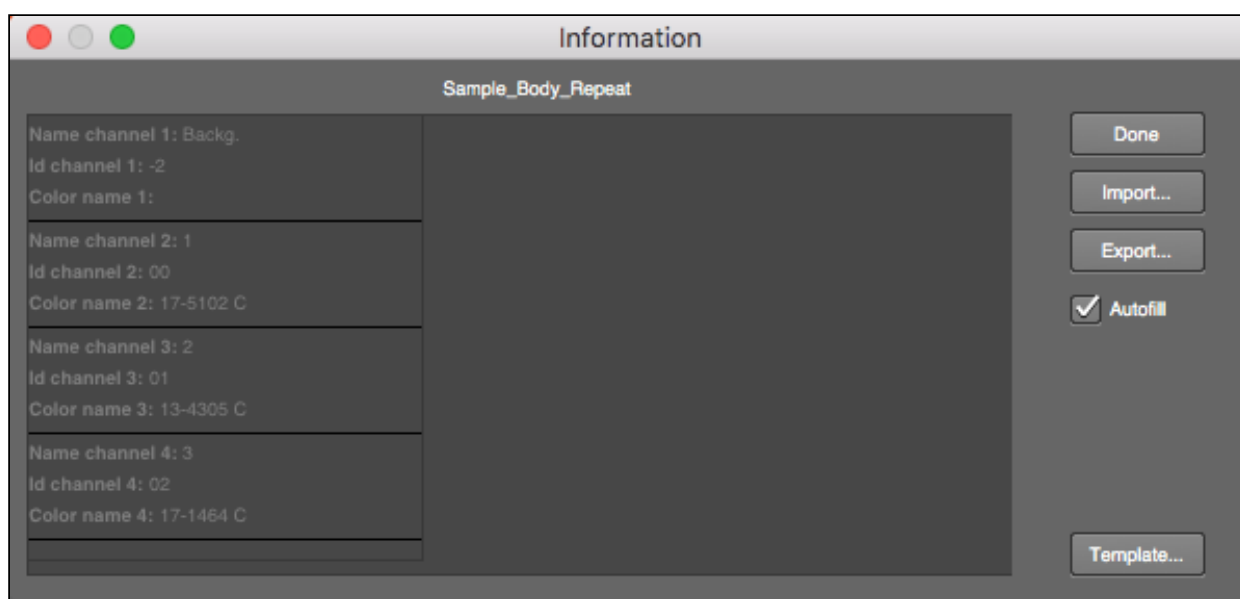
6.2.7 REPEAT

Option REPEAT is used and supported only at this moment as IData template.

Supported attributes for option IMAGE :

ATTRIBUTE	DESCRIPTION	REQUIREMENT
REPEAT	To set the position and field to call for variables.	optional

Sample IData (.id)



Sample Code

```

1  <TITLE
2      STRING="Sample_Body_Repeat"
3  >
4  <BODY
5      <REPEAT
6          TOP="0"
7          LEFT="0"
8          NAME="__CLR_ITM_"
9
10         <FIELD
11             NAME="ChannelName"
12             CAPTION="Name channel"
13             TOP="5"
14             LEFT="0"
15             WIDTH= "190"
16             HEIGHT="15"
17             FONT_NAME="Geneva"
18             FONT_SIZE="9"
19         >
20         <FIELD
21             NAME="ChannelNo"
22             CAPTION="Id channel"
23             TOP="20"
24             LEFT="0"
25             WIDTH= "190"
26             HEIGHT="15"
27             FONT_NAME="Geneva"
28             FONT_SIZE="9"
29             FORMAT="%02d"
30             MAXLENGTH="2"
31             TYPE="8"
32         >
33         <FIELD
34             NAME="ColorName"
35             CAPTION="Color name"
36             TOP="35"
37             LEFT="0"
38             WIDTH= "190"
39             HEIGHT="15"
40             FONT_NAME="Geneva"
41             FONT_SIZE="9"
42         >
43         <ITEM
44             TOP="50"
45             LEFT="0"
46             WIDTH= "190"
47             HEIGHT="1"
48             BORDER_COLOR="#000000"
49             BORDER_WIDTH= "1"
50             BORDER_HEIGHT="1"
51         >
52     >
53
54 >

```

7 CRD Items

The CRD layout structure is build in groups (containers). Template file is a layout descriptor to paint colorways and colour layouts. There are 3 kind of items or containers in a template file. Refer to the CRD items section to learn about options that the containers offering.

TAG	DESCRIPTION	REQUIREMENT
TITLE	Contains the template title and size (only one item of this type per template)	required
FILTER	Contains size, position, order, dimension, zoom (rate) and offset of the image that will be displayed.	optional
LFILE	Contains the position and the path of LYT layouts.	optional

Structure

```
<TITLE
  STRING
  WIDTH
  HEIGHT
>
<LFILE
>

<FILTER
>
```

7.1 CRD Attributes

7.1.1 TITLE

ATTRIBUTE	DESCRIPTION	REQUIREMENT
STRING	template title	required
WIDTH	template width in points	required
HEIGHT	template height in points	required

Sample

```

1  <TITLE
2    STRING="Template simple"
3    WIDTH="842"
4    HEIGHT="200"
5  >
```

7.1.2 FILTER

ATTRIBUTE	DESCRIPTION	REQUIREMENT
TOP	Colorway top position in point	required
LEFT	Colorway left position in point	required
WIDTH	Colorway width in points	required
HEIGHT	Colorway height in points	required
INDEX	Index of the colorway in the export list	required
ORIGIN_H	Colorway horizontal origin "value" or "value%" or "char" ("S") <i>S: selection origin</i>	required

ATTRIBUTE	DESCRIPTION	REQUIREMENT
ORIGIN_V	Colorway vertical origin "value" or "value%" or "char" ("S") <i>S: selection origin</i>	required
ORIGIN_SELECTION	Values: S (selection)	required
SIZE_H	⚠️ <i>Unused</i>	
SIZE_V	⚠️ <i>Unused</i>	
RATE	Scale "value" (1..100) or "char" ("S", "R" or "F") <i>S: selection size</i> <i>R: real size</i> <i>F: full rapport</i>	required
FILLREP	Fill filter area with repeat "char" ("Y" or "N")	required

Sample

```

1  <FILTER
2    TOP="14"
3    LEFT="14"
4    WIDTH="814"
5    HEIGHT="1092"
6    INDEX="0"
7    RATE="R"
8    FILLREP="Y"
9    ORIGIN_H="0"
10   ORIGIN_H="0"
11  >

```

7.1.3 LFILE

ATTRIBUTE	DESCRIPTION	REQUIREMENT
PATH	Path of the colour layout file with ':' as folder separator. If the path starts with ':' means relative to template folder path (ex: PATH=":Logo.lyt")	required
TOP	Color layouts top position in point	required

ATTRIBUTE	DESCRIPTION	REQUIREMENT
LEFT	Color layouts left position in point	required
INDEX	Index of the colorway in the export list	required
RATE	Scale "value" (1..100)	required
ARRANGE	Horizontal or vertical colour patches disposition "char" ("H" or "V")	required
HIDE_BACK	Hide the background channel "char" ("Y" or "N")	required

Sample

```

1  <LFILE
2    PATH=" :Samples.lyt "
3    TOP="126"
4    LEFT="15"
5    INDEX="0"
6    RATE="100"
7    ARRANGE="H"
8    HIDE_BACK="Y"
9  >

```

7.2 Practical Examples

7.2.1 Template Simple rate Value



Sample Code

```
1  <TITLE
2    STRING="Template simple rate"
3    WIDTH="220"
4    HEIGHT="120"
5  >
6
7  <FILTER
8    TOP="10"
9    LEFT="10"
10   WIDTH="200"
11   HEIGHT="100"
12   INDEX="0"
13   RATE="20"
14   FILLREP="N"
15   ORIGIN_H="0"
16   ORIGIN_V="0"
17  >
```

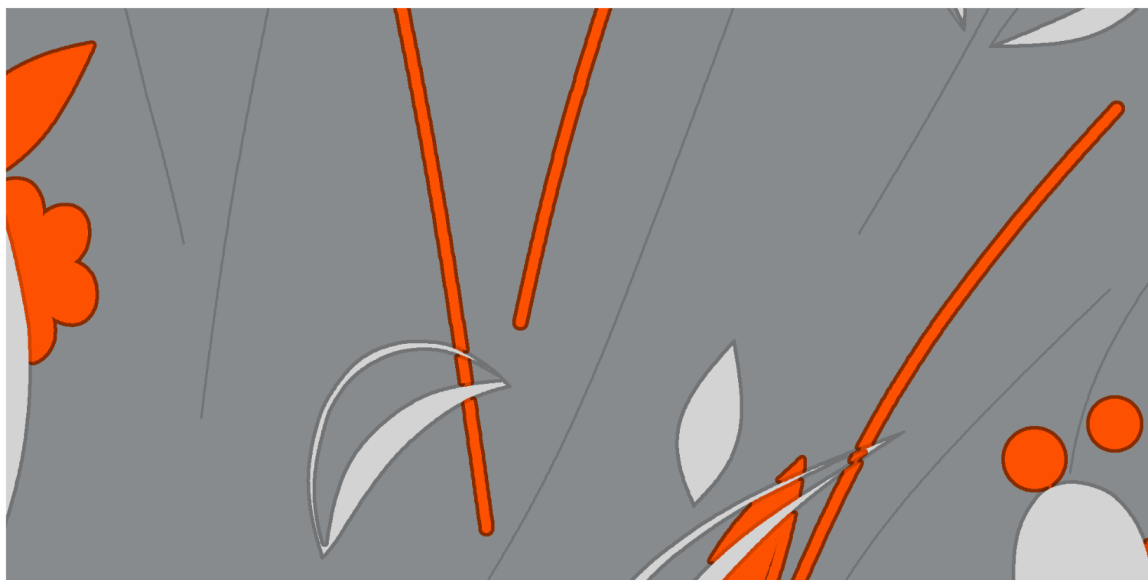
7.2.2 Template Simple rate S



Sample Code

```
1  <TITLE
2    STRING="Template simple rate"
3    WIDTH="220"
4    HEIGHT="120"
5  >
6
7  <FILTER
8    TOP="10"
9    LEFT="10"
10   WIDTH="200"
11   HEIGHT="100"
12   INDEX="0"
13   RATE="S"
14   FILLREP="N"
15   ORIGIN_H="0"
16   ORIGIN_V="0"
17  >
```

7.2.3 Template Simple rate R



Sample Code

```
1  <TITLE
2    STRING="Template simple rate"
3    WIDTH="220"
4    HEIGHT="120"
5  >
6
7  <FILTER
8    TOP="10"
9    LEFT="10"
10   WIDTH="200"
11   HEIGHT="100"
12   INDEX="0"
13   RATE="R"
14   FILLREP="N"
15   ORIGIN_H="0"
16   ORIGIN_V="0"
17  >
```

7.2.4 Template Simple rate F fillrep Y



Sample Code

```
1  <TITLE
2    STRING="Template simple rate"
3    WIDTH="220"
4    HEIGHT="120"
5  >
6
7  <FILTER
8    TOP="10"
9    LEFT="10"
10   WIDTH="200"
11   HEIGHT="100"
12   INDEX="0"
13   RATE="F"
14   FILLREP="Y"
15   ORIGIN_H="0"
16   ORIGIN_V="0"
17  >
```

7.2.5 Template Simple rate F fillrep N



Sample Code

```
1  <TITLE
2    STRING="Template simple rate"
3    WIDTH="220"
4    HEIGHT="120"
5  >
6
7  <FILTER
8    TOP="10"
9    LEFT="10"
10   WIDTH="200"
11   HEIGHT="100"
12   INDEX="0"
13   RATE="F"
14   FILLREP="N"
15   ORIGIN_H="0"
16   ORIGIN_V="0"
17  >
```

7.2.6 Template Simple origin Value



Sample Code

```
1  <TITLE
2    STRING="Template simple rate"
3    WIDTH="220"
4    HEIGHT="120"
5  >
6
7  <FILTER
8    TOP="10"
9    LEFT="10"
10   WIDTH="200"
11   HEIGHT="100"
12   INDEX="0"
13   RATE="20"
14   FILLREP="N"
15   ORIGIN_H="1500"
16   ORIGIN_V="1900"
17  >
```

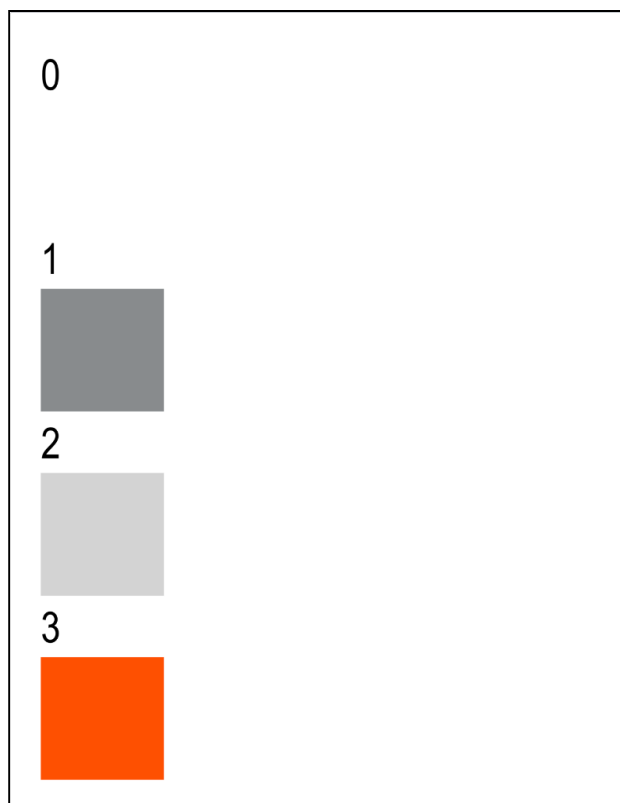
7.2.7 Template Simple origin S



Sample Code

```
1  <TITLE
2    STRING="Template simple rate"
3    WIDTH="220"
4    HEIGHT="120"
5  >
6
7  <FILTER
8    TOP="10"
9    LEFT="10"
10   WIDTH="200"
11   HEIGHT="100"
12   INDEX="0"
13   RATE="20"
14   FILLREP="N"
15   ORIGIN_H="1500"
16   ORIGIN_V="1900"
17  >
```

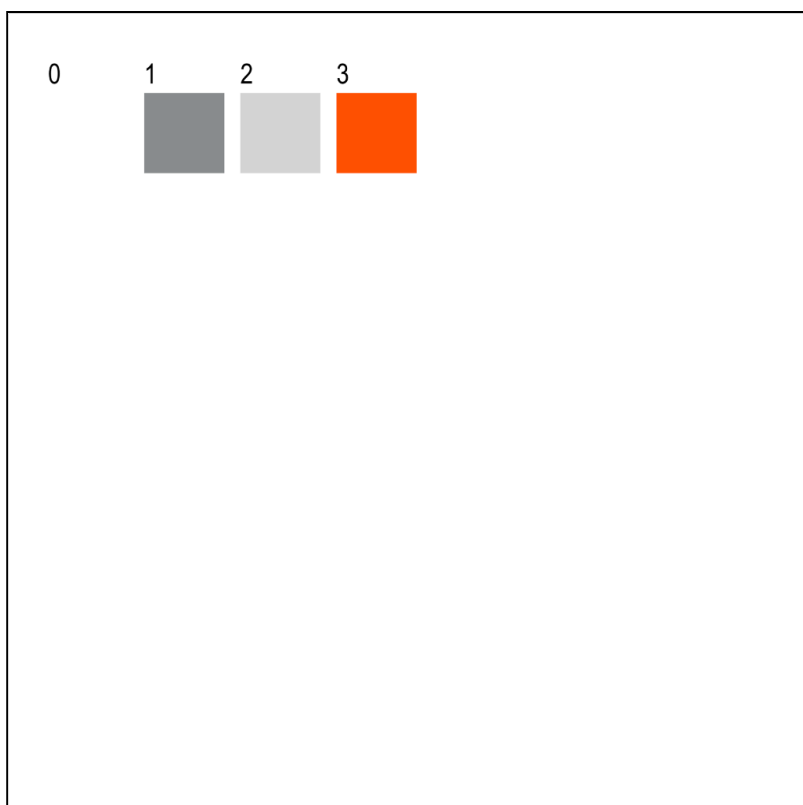
7.2.8 Template Simple layout V



Sample Code

```
1 <TITLE
2   STRING="Template simple"
3   WIDTH="200"
4   HEIGHT="260"
5 >
6
7 <LFILE
8   PATH=":Samples.lyt"
9   TOP="10"
10  LEFT="10"
11  INDEX="0"
12  RATE="100"
13  ARRANGE="V"
14  HIDE_BACK="N"
15 >
```

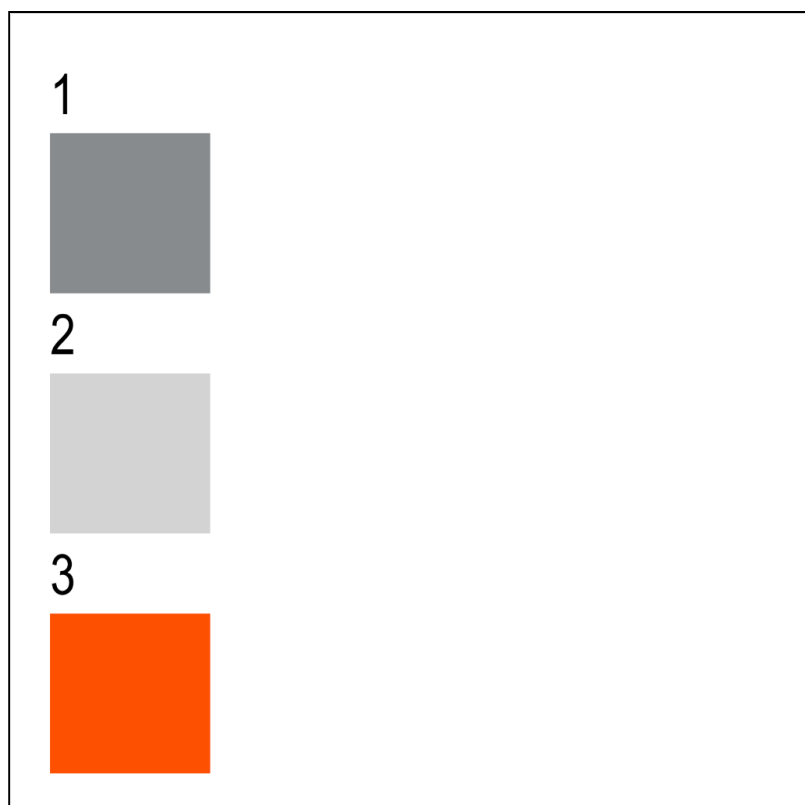
7.2.9 Template Simple layout rate Value



Sample Code

```
1 <TITLE
2   STRING="Template simple"
3   WIDTH="200"
4   HEIGHT="200"
5 >
6
7 <LFILE
8   PATH=":Samples.lyt"
9   TOP="10"
10  LEFT="10"
11  INDEX="0"
12  RATE="50"
13  ARRANGE="H"
14  HIDE_BACK="N"
15 >
```

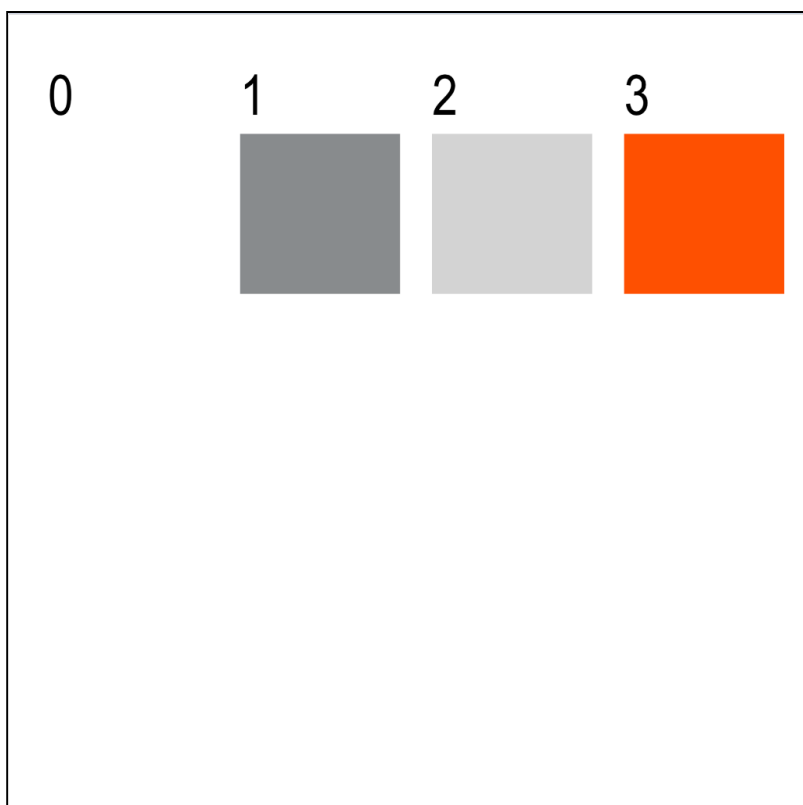
7.2.10 Template Simple layout hideback



Sample Code

```
1 <TITLE
2   STRING="Template simple"
3   WIDTH="200"
4   HEIGHT="200"
5 >
6
7 <LFILE
8   PATH=":Samples.lyt"
9   TOP="10"
10  LEFT="10"
11  INDEX="0"
12  RATE="100"
13  ARRANGE="V"
14  HIDE_BACK="Y"
15 >
```

7.2.11 Template Simple layout H



Sample Code

```
1 <TITLE
2   STRING="Template simple"
3   WIDTH="200"
4   HEIGHT="200"
5 >
6
7 <LFILE
8   PATH=":Samples.lyt"
9   TOP="10"
10  LEFT="10"
11  INDEX="0"
12  RATE="100"
13  ARRANGE="H"
14  HIDE_BACK="N"
15 >
```

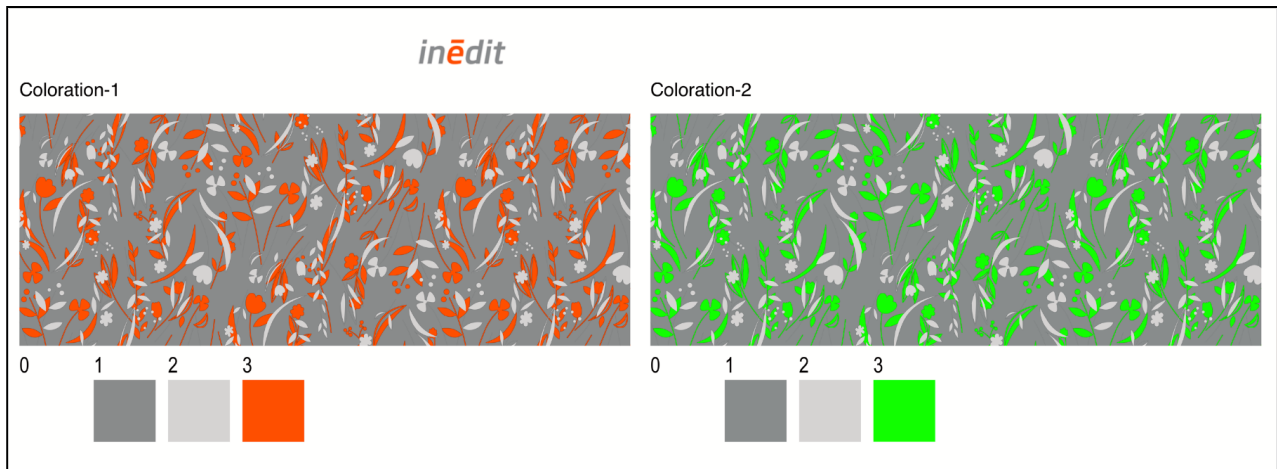
7.2.12 Template Simple FULL



Sample Code

```
1 <TITLE
2   STRING="Template simple"
3   WIDTH="842"
4   HEIGHT="200"
5 >
6
7 <FILTER
8   TOP="14"
9   LEFT="14"
10  WIDTH="814"
11  HEIGHT="92"
12  INDEX="0"
13  RATE="R"
14  FILLREP="Y"
15  ORIGIN_H="0"
16  ORIGIN_V="0"
17 >
18
19 <LFILE
20   PATH=":Header.lyt"
21   TOP="112"
22   LEFT="15"
23   INDEX="0"
24   RATE="100"
25 >
26
27 <LFILE
28   PATH=":Logo.lyt"
29   TOP="145"
30   LEFT="470"
31   INDEX="0"
32   RATE="100"
33 >
34
35 <LFILE
36   PATH=":Samples.lyt"
37   TOP="126"
38   LEFT="15"
39   INDEX="0"
40   RATE="100"
41   ARRANGE="H"
42   HIDE_BACK="Y"
43 >
```

7.2.13 Template Complex



Sample Code

```

1  <TITLE
2    STRING="Template complex"
3    WIDTH="820"
4    HEIGHT="300"
5  >
6
7  <LFILE
8    PATH=":Logo.lyt"
9    TOP="2"
10   LEFT="5"
11   INDEX="0"
12   RATE="100"
13 >
14
15 <LFILE
16   PATH=":Header.lyt"
17   TOP="48"
18   LEFT="7"
19   INDEX="0"
20   RATE="100"
21 >
22 <FILTER
23   TOP="68"
24   LEFT="7"
25   WIDTH="395"
26   HEIGHT="150"
27   INDEX="0"
28   RATE="F"
29   FILLREP="Y"
30   ORIGIN_H="0"
31   ORIGIN_H="0"
32 >
33 <LFILE
34   PATH=":Samples.lyt"
35   TOP="220"
36   LEFT="7"
37   INDEX="0"
38   RATE="100"
39   ARRANGE="H"
40 >
41
42 <LFILE
43   PATH=":Header.lyt"
44   TOP="48"
45   LEFT="415"
46   INDEX="1"
47   RATE="100"
48 >
49 <FILTER
50   TOP="68"
51   LEFT="415"
52   WIDTH="395"
53   HEIGHT="150"
54   INDEX="1"
55   RATE="F"
56   FILLREP="Y"

```

```
57     ORIGIN_H="0"  
58     ORIGIN_H="0"  
59     >  
60     <LFILE  
61     PATH=":Samples.lyt"  
62     TOP="220"  
63     LEFT="415"  
64     INDEX="1"  
65     RATE="100"  
66     ARRANGE="H"  
67     >
```