



EWA - Embroidery Web API

Version 1.4

Release Notes

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1 Introduction

This document describes the changes made in EWA Embroidery Web API Version 1.4 compared to the previous version 1.3 which it replaces.

Most API calls to the 1.1, 1.2 and 1.3 API are compatible with 1.4. Existing apps should work without any change except for the API version number in the API URL, and the output “save as EMB version” parameter string.

Sign in to the Wilcom API Developer Portal website <https://developer.wilcom.com/> for details. Documentation relating to EWA1.4 specifically is at: <https://developer.wilcom.com/documentation1.4>.

1.1 Overview of Changes in EWA Version 1.4

The changes made in V1.4 of the API include:

- API based on ES e4.1 software - compatible with .EMB file formats up to and including e4.1
- 32 additional new Embroidery Fonts from the ES e4.1 system. Total of over 214 fonts.
- Read and Write Barudan .U03 FDR 3 designs with thread color information
- Outputs .EMB TrueView images without any bitmap or vector graphics – embroidery only
- Selectable DPI resolution for TrueView images up to 300 dpi
- Improved EMB Colorway support – shows same current colorway as ES if not specified
- new API feature “Recolor Design” and new concept web app – specify design thread colors
- new API feature “Edit Design Monogram” objects and new concept web app
- new Teamname Lettering Concept Web app including combine lettering with design
- Improved user interface styling and presentation of all API Concept web apps
- “lock” lettering objects to prevent them from being edited in editDesign Lettering
- Other small improvements

2 Based on ES version e4.1 Embroidery Studio

EWA 1.4 now supports the Wilcom EmbroideryStudio e4 file formats making it compatible with the latest version of EmbroideryStudio digitizing software.

2.1 Read/Write .EMB file formats up to Version e4.1

EWA 1.4 **reads** all previous versions of .EMB files including the most recent e3.5, e3.5, e4.0 and e4.1.

EWA 1.4 **writes** only the four most recent .EMB file formats including e4.1, e4, e3.6, e3.5, e3 and e2. .EMB version e1.8, e1.5, e1, ES2006 or earlier version of .EMB file formats are not supported.

2.2 .EMB Version Output parameter string is changed in API V1.4

The output “version string” is an attribute of output element. It specifies the .EMB version of the result output design. This string is different in API V1.4 than earlier versions of API.

The change was made to match the formats list in the “Save As” dialog of the English language Wilcom ES software, they are changed to “Wilcom All-in-One Designs e4.0 (*.EMB)”, “Wilcom All-in-One Designs e3.6 (*.EMB)”, etc.

2.3 New Read/Write Thread Color information in Barudan FDR 3 (.U01, .U03, ...)

API V1.4 now reads and writes the Barudan FDR-3 thread color information in Barudan format designs using .U01, ... format. It is suggested (but not required) to use .U03 to easily keep track of which designs have color information and which earlier ones don't.

- Save as Barudan .U01, or .U03 will include the designs thread color information as per Barudan FDR-3 specifications
- Reading a Barudan .U03 format provides a Trueview in the correct stored colors and includes the thread color information in the API info call for the design

3 32 Additional New Embroidery Fonts from ES e4.1

Thirty-two new additional professionally digitized embroidery fonts are available in EWA 1.4 including twenty-two regular fonts, seven 3D fonts and three two-color fonts.

For a full list of supported fonts, refer to the **Embroidery Studio e4 Embroidery Fonts** document at <https://developer.wilcom.com/documentation1.4>.

3.1 25 Additional Regular fonts

Advent.ESA
Charcuterie.ESA
Dotti.ESA
Flourish Light.ESA
Monoglyceride Bold.ESA
Pomander.esa
Script7.ESA
Sofachrome.ESA

Antique Rose.ESA
Crayfish.ESA
Dr Zeus.ESA
Locker.ESA
Monoglyceride.ESA
Script5.ESA
Script8.ESA
Sports.ESA
Turncoat.ESA

Bravo.ESA
Crevasse.ESA
English Village.ESA
Moly.ESA
Pacific North West.ESA
Script6.ESA
Shadow Street.ESA
Square Block.ESA

ADVENT	Bravo	Charcuterie
<i>Crayfish</i>	<i>Crevasse</i>	DOTTI
<i>Dr Zeus</i>	<i>Flourish Light</i>	Locker
<i>Moly</i>	Monoglyceride Bold	Monoglyceride
PACIFIC NORTH WEST	<i>Pomander</i>	Script5
Script6	<i>Script7</i>	Script8
SOFACHROME	SPORTS	Square Block
	Turncoat	

3.2 7 Additional 3D Foam Fonts

3D Block2.ESA
3D Futuro.ESA

3D Brush Script.ESA
3D London.ESA
3D Sofachrome.ESA

3D Emphatic.ESA
3D Monoglyceride.ESA

3D Block2	<i>3D Brush Script</i>	3D Emphatic
3D Futuro	3D London	3D Monoglyceride
3D SOFACHROME		

3.3 3 Additional Two-color Fonts

Antique Rose.ESA

English Village.ESA

Shadow Street.ESA

ANTIQUE ROSE **English Village** **Shadow Street**

4 Improved TrueView output and Colorway support

4.1 TrueView Images are embroidery only - do not include artwork or graphics

Previously the EWA API Trueview images displayed the bitmap artwork or graphics embedded in the embroidery design. This capability has been changed in EWA 1.4 to NOT display artwork or graphics embedded in the design, but only include the embroidery stitches.

4.2 Show Current Colorway in Trueview image and 'design_info'

Previously the EWA API could return All or a colorway by a particular name. EWA 1.4 now tells client which is the **current** colorway. For detailed instruction on using this new function please refer to the **API Interface Specification 1.4** document at <https://developer.wilcom.com/documentation1.4>.

4.3 Higher Resolution TrueView Images up to 300 dpi

You can optionally specify the resolution desired for TrueView images by passing a dpi (dots per inch) value with your API call for all methods with generate a TrueView.

The default resolution remains at 96 dpi as before if no value is specified, for backward compatibility.

For detailed instruction on using this new function please refer to the **API Interface Specification 1.4** document at <https://developer.wilcom.com/documentation1.4>.

The maximum image size is enforced to be less than 4 MB. Large designs at high dpi resolutions which exceed this size will be reduced in dpi until they fit.

5 New Recolor Design via API

5.1 Specify Thread Colors via API to Recolor New or Existing Designs

A new *Recolor* feature is available in the EWA 1.4 API. You can optionally upload a new set of thread colors to replace the existing thread colors in the Design Palette in the design. This replaces/overwrites the thread colors in the Design Palette of an existing colorway of an existing .EMB design.

When you change the thread color assigned to a Design Color number, all parts of the design which use that Design Color number will change to the new color specified. So if the same design color is repeated several times in the color stop sequence, all will change to the new thread color.

This also provides an easy means to recolor uploaded stitch format designs which have no color information, such as .DST, which are initially displayed using the API system default colors.

The *Recolor* feature can be used in combination with other API calls, including **api/designTrueview**, **api/newDesignTrueview**, **api/newDesign**, **editDesignTrueview** and **editDesign**.

```
<recolor>
  <colorway name="xxxx">
    <threads>
      <thread color="32768" code="xx" brand="xx" description="xx" />
      <thread color="1554175" code="xx" brand="xx" description="xx" />
    </threads>
  </colorway>
</recolor>
```

Example of the <Threads> element

For detailed instruction on using this new function please refer to the **API Interface Specification 1.4** document located in <https://developer.wilcom.com/documentation1.4>.

5.2 New Recolor Design Concept Web App



API : Recolor Design Concept

(1.4.0.26609)

INPUT VALUES:

SELECT DESIGN

Choose File No file chosen

Design: e4-1029 CW.EMB
 Width: 83.78mm
 Height: 83.08mm
 Stitches: 15450
 Colors: 5
 Stops: 8
 Trims: 11

COLORWAY

Dark Grey

THREAD CHART

Current chart: Wilcom.tch

Upload Thread Chart

Choose File No file chosen

API CALLS INFO

DesignTrueView: 1

OUTPUT RESULT: (COLORWAY: DARK GREY)



Resize image to fit to screen (max 300px)

Stop Sequence

STOP#	ELEMENT NAME	COLOR#	COLOR	THREAD NAME	CODE	THREAD CHART	RGB	
1	TENNIS fill	4		White	15	Wilcom	255,255,255	Change Color
2	Border & TENNIS fill	3		Powder Blue	12	Wilcom	186,179,214	Change Color
3	Shield Background	5		Baby Blue	17	Wilcom	140, 50,204	Change Color
4	Ball & Scroll Background	1		Sea Green	28	Wilcom	66,146,157	Change Color
5	Ball Swoosh	3		Powder Blue	12	Wilcom	186,179,214	Change Color
6	Ball Outline and Inner Border	4		White	15	Wilcom	255,255,255	Change Color
7	TENNIS Border, CLUB & Scroll Tails	5		Baby Blue	17	Wilcom	140, 50,204	Change Color
8	Star	2		Orange	9	Wilcom	231,120, 23	Change Color

Auto update

Show recolor recipe

The Recolor Design Concept web app demonstrates one example of how to use the new recolor feature. The web app can be accessed at: <http://ewa.wilcom.com/API-RecolorDesignConcept/>.

5.2.1 Using the Recolor Design Concept app

Open a design to recolor:

- Choose an embroidery design to upload/open via the API
- Choose which colorway of the design you want to change (if there are multiple colorways)
- Optionally upload your own thread chart in Wilcom .tch format.

Choose which design color number to change, and which thread color to assign to:

- Click on a Change Color button from the list of colors in the table of color stops
- Select the new thread color to assign to that Color number from the pop up list of threads
- All color stops which use that Design Color number will change to the new thread color



Stop Sequence

STOP#	ELEMENT NAME	COLOR#	COLOR
1	TENNIS fill	4	
2	Border & TENNIS fill	3	
3	Shield Background	5	
4	Ball & Scroll Background	1	
5	Ball Swoosh	3	
6	Ball Outline and Inner Border	4	
7	TENNIS Border, CLUB & Scroll Tails	5	
8	Star	2	

Stop Sequence

STOP#	ELEMENT NAME	COLOR#	COLOR
1	TENNIS fill	4	
2	Border & TENNIS fill	3	
3	Shield Background	5	
4	Ball & Scroll Background	1	
5	Ball Swoosh	3	
6	Ball Outline and Inner Border	4	
7	TENNIS Border, CLUB & Scroll Tails	5	
8	Star	2	

Change Color

Select	Color	Thread Name	Code	Thread Chart	RGB
<input type="checkbox"/>	Blue	1	Wilcom	40, 22,111	
<input type="checkbox"/>	Cyan	2	Wilcom	0,147,221	
<input type="checkbox"/>	Green	3	Wilcom	0,146, 63	
<input type="checkbox"/>	Yellow	4	Wilcom	255,245, 0	
<input type="checkbox"/>	Red	5	Wilcom	218, 27, 29	
<input type="checkbox"/>	Brick Red	6	Wilcom	183,103, 60	
<input type="checkbox"/>	Magenta	7	Wilcom	221, 19,123	
<input type="checkbox"/>	Purple	8	Wilcom	151, 69,120	
<input type="checkbox"/>	Orange	9	Wilcom	231,120, 23	
<input type="checkbox"/>	Pink	10	Wilcom	239,155,160	
<input type="checkbox"/>	Dark Brown	11	Wilcom	113, 98, 91	
<input type="checkbox"/>	Powder Blue	12	Wilcom	186,179,214	

- In this case, Color Stop numbers 3 and 7 both use Design Color # 5 (“needle number” 5) therefore both change when color 5 is changed to a different thread color.

Note that:

- When **checked, Auto update** causes an API call to update the image each time you select a new color.
 - When **unchecked**, the image is not updated until you click on Update button.
 - This approach uses only one API call to execute all the changed colors in one step, but is not as convenient, as you don’t see the effect of color changes until you click update.
- **API Call Info** indicates the type and number of calls made by the API in this app session
- **Show recolor recipe** exposes the XML recipe details used to make the requested change

5.3 Specify Thread Colors for ,DST & other Stitch Format Designs

You can also use the new <Threads> parameter to specify which colors to use for stitch format designs which don’t have any stored color information in them. For example .DST, .EXP and similar formats.

When you upload a .DST file, and ask the API for design information, it will use the API system colors by default – each Color/Stop command in the design will then go to the next Design Color number in the palette (needle number).

By uploading a set of thread colors in the correct sequence to match the color stops in the .DST, you can get a correctly colored TrueView image and/or .EMB file of the design.

Note that if the same thread color (eg Red) is multiple times in the design, you need to specify the thread color for each color stop separately, since there is no information in the .DST file to indicate which color number is to be used for each stop – the software has to assume “the next needle”.

5.3.1 Original .EMB Design with Saved Colors

5 thread colors used in 8 color stops – some needle numbers used twice.

API : Recolor Design Concept

(1.4.1.22592)

INPUT VALUES:

SELECT DESIGN

No file chosen

Design: e4-1029-BW.EMB

Width: 83.8 mm

Height: 83.1 mm

Stitches: 15450

Colors: 5

Stops: 8

Trims: 11

COLORWAY

Colorway 1

THREAD CHART

Current chart: Wilcom.tch

Upload Thread Chart

No file chosen

API CALLS INFO

DesignTrueView: 1

OUTPUT RESULT: (COLORWAY: COLORWAY 1)



Resize image to fit to screen (max 300px)

Stop Sequence

STOP#	ELEMENT	COLOR#	COLOR	THREAD NAME	CODE	THREAD CHART	RGB	
1		4	White	White	15	Wilcom	255,255,255	<input type="button" value="Change Color"/>
2		3	Powder Blue	Powder Blue	12	Wilcom	186,179,214	<input type="button" value="Change Color"/>
3		5	Baby Blue	Baby Blue	17	Wilcom	102,122,179	<input type="button" value="Change Color"/>
4		1	Yellow	Yellow	4	Wilcom	255,245,0	<input type="button" value="Change Color"/>
5		3	Powder Blue	Powder Blue	12	Wilcom	186,179,214	<input type="button" value="Change Color"/>
6		4	White	White	15	Wilcom	255,255,255	<input type="button" value="Change Color"/>
7		5	Baby Blue	Baby Blue	17	Wilcom	102,122,179	<input type="button" value="Change Color"/>
8		2	Orange	Orange	9	Wilcom	231,120,23	<input type="button" value="Change Color"/>

Auto update

5.3.2 Original .DST Stitch File – uses API System Default Colors

.DST design does not specify needle/color numbers – must assume each stop is separate thread color.

API : Recolor Design Concept

(1.4.1.22592)

INPUT VALUES:

SELECT DESIGN

No file chosen

Design: e4-1029 DST.DST
 Width: 83.8 mm
 Height: 83.0 mm
 Stitches: 15432
 Colors: 8
 Stops: 8
 Trims: 11

COLORWAY

Colorway 1

THREAD CHART

Current chart: Wilcom.tch

Upload Thread Chart

No file chosen

API CALLS INFO

DesignTrueView: 1

OUTPUT RESULT: (COLORWAY: COLORWAY 1)



Resize image to fit to screen (max 300px)

Stop Sequence

STOP#	ELEMENT	COLOR#	COLOR	THREAD NAME	CODE	THREAD CHART	RGB	
1		1	Blue	Blue	1	Wilcom	40, 22, 111	<input type="button" value="Change Color"/>
2		2	Cyan	Cyan	2	Wilcom	0,147,221	<input type="button" value="Change Color"/>
3		3	Green	Green	3	Wilcom	0,146, 63	<input type="button" value="Change Color"/>
4		4	Yellow	Yellow	4	Wilcom	255,245, 0	<input type="button" value="Change Color"/>
5		5	Red	Red	5	Wilcom	218, 27, 29	<input type="button" value="Change Color"/>
6		6	Brick Red	Brick Red	6	Wilcom	183,103, 60	<input type="button" value="Change Color"/>
7		7	Magenta	Magenta	7	Wilcom	221, 19,123	<input type="button" value="Change Color"/>
8		8	Purple	Purple	8	Wilcom	151, 69,120	<input type="button" value="Change Color"/>

Auto update

5.3.3 Original .DST Stitch File – with uploaded Thread Colors for each Color Stop

Can upload to API and specify which thread color to use in sequence for each stop (needle number)

API : Recolor Design Concept

(1.4.1.22592)

INPUT VALUES:

SELECT DESIGN

No file chosen

Design: e4-1029 DST.DST
 Width: 83.8 mm
 Height: 83.0 mm
 Stitches: 15432
 Colors: 8
 Stops: 8
 Trims: 11

COLORWAY

Colorway 1

THREAD CHART

Current chart: Wilcom.TCH

Upload Thread Chart

No file chosen

API CALLS INFO

DesignTrueView: 9

OUTPUT RESULT: (COLORWAY: COLORWAY 1)



Resize image to fit to screen (max 300px)

Stop Sequence

STOP#	ELEMENT	COLOR#	COLOR	THREAD NAME	CODE	THREAD CHART	RGB	
1		1	White	White	15	Wilcom	255,255,255	<input type="button" value="Change Color"/>
2		2	Powder Blue	Powder Blue	12	Wilcom	186,179,214	<input type="button" value="Change Color"/>
3		3	Baby Blue	Baby Blue	17	Wilcom	102,122,179	<input type="button" value="Change Color"/>
4		4	Yellow	Yellow	4	Wilcom	255,245, 0	<input type="button" value="Change Color"/>
5		5	Powder Blue	Powder Blue	12	Wilcom	186,179,214	<input type="button" value="Change Color"/>
6		6	White	White	15	Wilcom	255,255,255	<input type="button" value="Change Color"/>
7		7	Baby Blue	Baby Blue	17	Wilcom	102,122,179	<input type="button" value="Change Color"/>
8		8	Orange	Orange	9	Wilcom	231,120, 23	<input type="button" value="Change Color"/>

Auto update

Show recolor recipe

5.3.4 Recolor Design Recipe

Example of XML recipe to send to API to specify thread colors for Design Color #'s (needle numbers) 1 through 8 for this design with 8 Stops

Recolor Design Recipe:

```
<?xml version="1.0" encoding="utf-8"?>
<xml xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <design file="e4-1029 DST.DST" colorwaytype="specified" colorway="Colorway 1">
    <recolor>
      <colorway bkg_color="-1" current="false">
        <threads>
          <thread color="16777215" code="15" brand="Wilcom" description="White" />
          <thread color="14070714" code="12" brand="Wilcom" description="Powder Blue" />
          <thread color="11762278" code="17" brand="Wilcom" description="Baby Blue" />
          <thread color="62975" code="4" brand="Wilcom" description="Yellow" />
          <thread color="14070714" code="12" brand="Wilcom" description="Powder Blue" />
          <thread color="16777215" code="15" brand="Wilcom" description="White" />
          <thread color="11762278" code="17" brand="Wilcom" description="Baby Blue" />
          <thread color="1538279" code="9" brand="Wilcom" description="Orange" />
        </threads>
      </colorway>
    </recolor>
  </design>
```

6 New Edit Design Monograms via API

6.1 EditDesign Monogram Objects

A new capability in API V1.4 extends the EditDesign API method to edit monogram lettering objects. This allows you to create more complicated custom monogram designs, with custom stitching and monogram object parameters set saved as standard .EMB designs.

- In the API, you upload the relevant .EMB design template together with whatever lettering or monogram parameters you want change. (i.e edit)

“EditDesign” provides more control over personalizing custom monogram layouts than the “newDesign” API method, which has limited parameters. It works similarly to EditDesign lettering.

- This allows you to make more creative monogram design templates with any combination of monogram lettering parameters, not just the simple new monograms possible with the newDesign API call.

6.2 NEW EditDesign Monogram Concept Web App

API: Edit Design Monogram Concept

(1.4.0.32906)

INPUT VALUES:

OUTPUT RESULT: (COLORWAY: COLORWAY 1)

SELECT DESIGN

No file chosen

Design: Style20b - edited.emb
 Width: 122.6 mm
 Height: 90.9 mm
 Stitches: 7787
 Colors: 2
 Stops: 2
 Trims: 4

Monogram Objects:
 Text: WWB

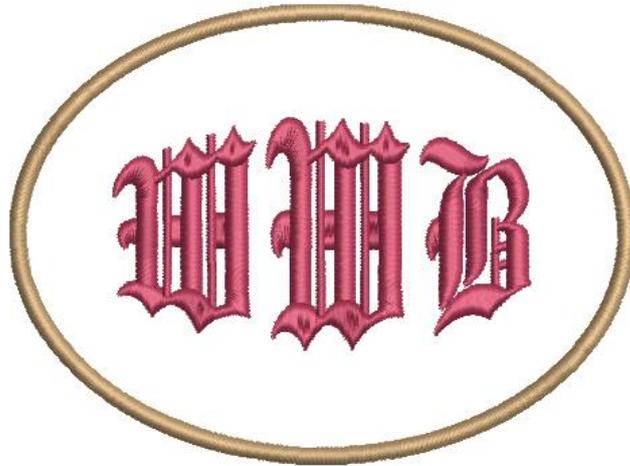
COLORWAYS

Colorway 1 ▼

SAVE DESIGN

Tajima (*.DST) ▼

AUTO ROTATE SAVED DESIGN 180°



Monogram object Info:

INDEX: 0 DO NOT CHANGE

Text:

Font: ▼

Color: ▼

Height(mm):

Style: ▼

Show Edit Design Recipe

Stop Sequence:

STOP#	ELEMENT	COLOR#	COLOR	THREAD NAME	CODE	THREAD CHART	RGB
1		60		Tarnish	1056	Madeira 40	170,140, 90
2		1		Cranberry	1119	Madeira 40	165, 35, 70

- A new Edit Monogram Concept web app illustrates one way to use this new capability
- <http://ewa.wilcom.com/EditDesignMonogramConcept/>
- Create your own custom .EMB monogram design templates, and personalize them via editDesign Monogram in your web application / website. You can use and control all settings for lettering, monogram, stitching, etc in the .EMB file.

6.2.1 EditDesign Monogram Multi-Colored Fonts

API: Edit Design Monogram Concept

(1.4.0.32906)

INPUT VALUES:

OUTPUT RESULT: (COLORWAY: COLORWAY 1)

SELECT DESIGN

Browse... No file selected.

Design: ES Monogram 2 Color As digitized original values.EMB
 Width: 134.8 mm
 Height: 67.9 mm
 Stitches: 5657
 Colors: 3
 Stops: 7
 Trims: 10

Monogram Objects:
 Text: ABC

COLORWAYS

Colorway 1



Monogram object Info:

INDEX: 0 DO NOT CHANGE

Text: ABC
 Font: Antique Rose
 Color: 2 - Poppy, 1703, Isacord 40
 Height(mm): 25
 Style:

Update Design

Show Edit Design Recipe

Stop Sequence:

STOP#	ELEMENT	COLOR#	COLOR	THREAD NAME	CODE	THREAD CHART	RGB
1		6		Carribbean	4531	Isacord 40	0,131,146
2		1		Light Kelly	5613	Isacord 40	39,164, 60
3		2		Poppy	1703	Isacord 40	194, 35, 25
4		1		Light Kelly	5613	Isacord 40	39,164, 60
5		2		Poppy	1703	Isacord 40	194, 35, 25
6		1		Light Kelly	5613	Isacord 40	39,164, 60
7		2		Poppy	1703	Isacord 40	194, 35, 25

- Important: If you want to use multi-colored lettering fonts
 - be sure to set the .EMB Object properties for lettering inside the monogram object, to be Sequence > As Digitized in the .EMB design template. This preserves any color changes digitized into the embroidery font.
 - In the API, use the Recolor feature to specify what thread colors to use in the design palette.

7 Other New & Improved API Concept Web Apps

7.1 New TeamName Concept Web App

API: New Teamname Design Concept

(1.4.0.23051)



SELECT DESIGN

No file chosen

Design: Australia.EMB

Width: 51.1 mm

Height: 31.4 mm

LOCATE LETTERING

Below the design, Gap: mm

Align:

BASELINE

BASELINE LENGTH

mm

FONT

COLOR

HEIGHT

mm

TEAMNAMES LIST

No file chosen

Sydney
Melbourne
Canberra
Brisbane
Perth

SHOW RECIPE

SAVE RESULTS

Filetype:

Show Teamname:



- <http://ewa.wilcom.com/NewTeamnameConcept/>
- Optionally combine lettering with a design, lettering located at a distance from design
- Optionally restrict lettering to a designated length of line – e.g. to match width of design
- Optionally upload a text file with names in it
- Directly edit list of names into edit box, or copy/paste
- Output to any supported format, including .DST, .U01, .U03,.EMB etc
- Uses API “newDesign” method – lettering is based on API default system settings

7.2 Improved Web Lettering Concept

API: Web Lettering Concept

(1.4.0.23450)

INPUT VALUES:

FONT
AGATHA

COLOR
Red

HEIGHT (MM)
10

TRUEVIEW DPI
192

TEXT
Agatha

SHOW RECIPE

CREATE LETTERING

OUTPUT RESULT:



- <http://ewa.wilcom.com/webletteringconcept/>
- Adds control for TrueView dpi setting.
- Create bitmap images of font names. Right Click on the TrueView image and Save as Image...

7.3 Improved Edit Design Lettering Concept

API: Edit Design Lettering Concept

(1.4.0.22379)



INPUT VALUES:

SELECT DESIGN
Choose File No file chosen

Design: e4-1010 - edited.EMB
Width: 93.4 mm
Height: 26.6 mm
Stitches: 3757
Colors: 2
Stops: 2
Trims: 3

Lettering Objects:
Text: SOLICITORS
Text: Wienburg

COLORWAYS
Colorway 1

SAVE DESIGN
Tajima (*.DST)

AUTO ROTATE SAVED DESIGN 180°

SAVE DESIGN

OUTPUT RESULT: (COLORWAY: COLORWAY 1)



Lettering object Info:

INDEX: 0 DO NOT CHANGE

Text: SOLICITORS

Font: Small Block1

Color: 2 - Red, 5, Wilcom

Height(mm): 5

INDEX: 1 DO NOT CHANGE

Text: Wienburg

Font: Bodoni

Color: 1 - Blue, 1, Wilcom

Height(mm): 15.48889

Update Design Show Edit Design Recipe

Stop Sequence:

STOP#	ELEMENT	COLOR#	COLOR	THREAD NAME	CODE	THREAD CHART	RGB
1		2	Red		5	Wilcom	218, 27, 29
2		1	Blue		1	Wilcom	40, 22, 111

- <http://ewa.wilcom.com/editdesignletteringconcept/>
- Optionally use ES to “lock” selected lettering objects in designs you don’t want to be editable.

7.4 Improved Design Image Concept

7.4.1 Example show Design Image on a garment

API : Design Image Concept

(1.4.0.29839)

INPUT VALUES:

SELECT FILE:

Select an **embroidery design** or an **artwork** file to preview with transparent background.

No file chosen

e4-1002.EMB

Remove Artwork Background

Embroidery Trueview DPI : 192 ▼

COLORWAY:

Colorway 1 ▼

LOCATION CENTER & SIZE:

Location: Left Chest (default) ▼

Right(px): 1662

Down(px): 930

Size: Scale to fit (100mm * 100mm)

GARMENT SETTINGS:

Show Garment

Scale: 0.33 ▼

Color: Winter Green ▼

GARMENT IMAGE INFO:

Resolution(dpi): 36
Height: 1103pixels, 45.44inches
Width: 1000pixels, 27.78inches
scale: 0.33



- <http://ewa.wilcom.com/designimageconcept/>
- Optionally show design on an example garment
- Choose different values of TrueView dpi to suit your needs
- Control scaling for accurate size of image to size of garment using the dpi values of the images

7.4.2 Example Show Design Images without a Garment

API : Design Image Concept

[1.4.0.29839]

INPUT VALUES:

SELECT FILE:

Select an [embroidery design](#) or an [artwork file](#) to preview with transparent background.

No file chosen

Colorway Reef Fish.EMB

Remove Artwork Background

Embroidery Trueview DPI:

COLORWAY:

LOCATION CENTER & SIZE:

Location:

Right(px):

Down(px):

Size: Scale to fit (100mm * 100mm)

GARMENT SETTINGS:

Show Garment

Scale:

Color:

GARMENT IMAGE INFO:

Resolution(dpi): 36
Height: 1103pixels, 45.44inches
Width: 1000pixels, 27.78inches
scale: 0.25

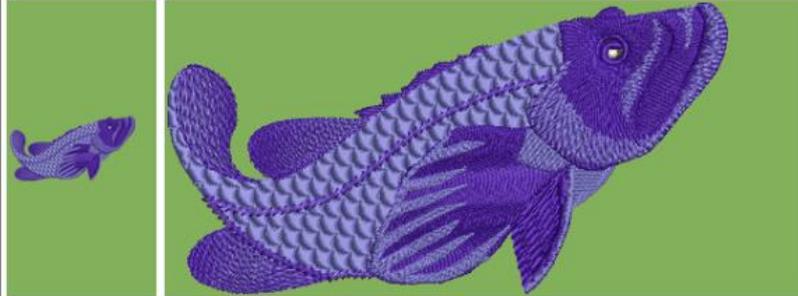
Thumbnails and Trueviews:

Select Background Color ([Reset](#)):



Colorway Reef Fish.EMB: Resolution(dpi): 72; Height: 224pixels, 3.11inches; Width: 427pixels, 5.93inches; Stitches: 17185; Colors: 4; Stops: 8; Trims: 17

Blue ([save](#))



Red ([save](#))



Gold ([save](#))



- <http://ewa.wilcom.com/designimageconcept/>
- Optionally show all colorways at once by unticking the Show Garment parameter

8 Contact

Wilcom Website: <http://www.wilcom.com> API Portal website: <https://developer.wilcom.com/>

If you have any questions, please contact your local Wilcom dealer or distributor in your country, or email to: support@wilcom.com