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The updates presented in this brochure were made from March 2017 until February 2018. We have fixed numerous bugs and implemented 232 new features. Only a small selection of new features is presented in this document.

From March 2017 until February 2018, Arahne software covered the following versions:

• ArahWeave: from version 8.1j till 8.3d

• ArahPaint5: from version 5.0.530 till 5.0.1155

• ArahPaint6: version 6.o.1341

• ArahDrape: from version 3.og to 3.oq





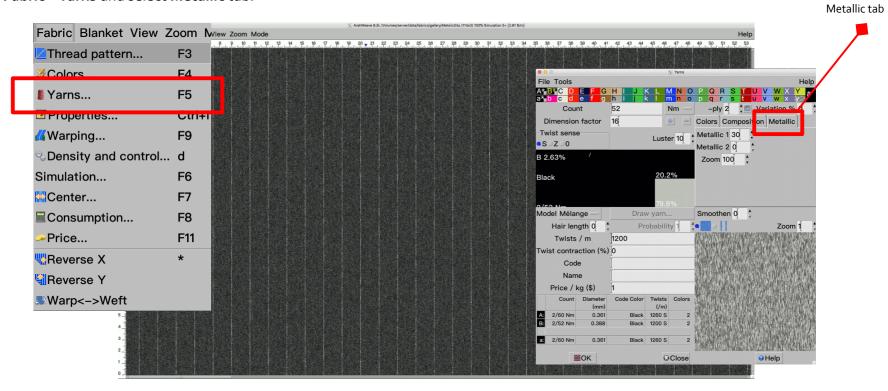
# **A**RAH**W**EAVE

## 1. METALLIC YARN SIMULATION

WHAT DOES IT DO?

In fabric simulation you can set metallic yarn.

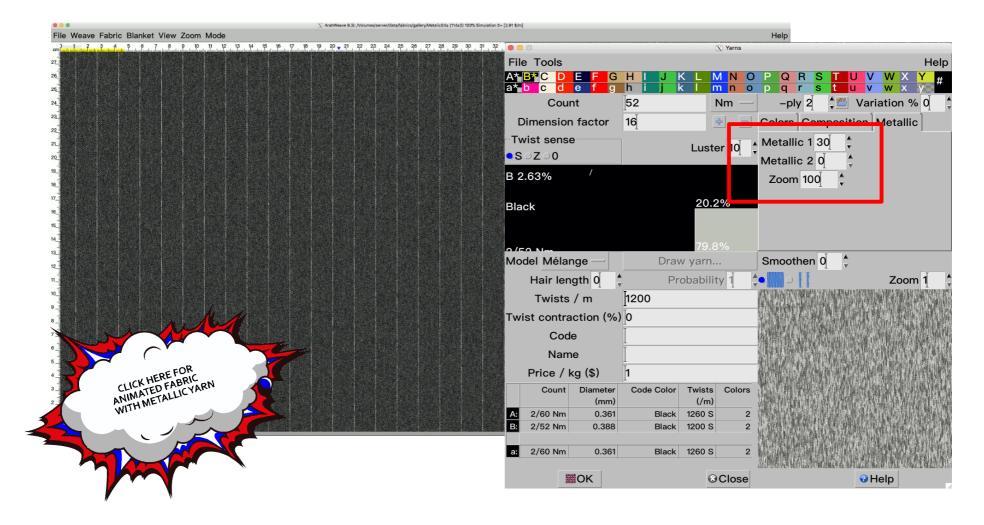
WHERE? Go to Fabric > Yarns and select Metallic tab.





## **HOWTO USE IT?**

Select the yarn and set the parameters under the **Metallic** tab: **Metallic** for light to dark color intensity and **Zoom** for the rate of changes of metallic yarn. Shorter zoom gives the pixie powder effect, longer zoom gives the effect of slowly turning metallic yarn.





## 2. FACE AND BACK FABRIC SIMULATION PRINTOUT

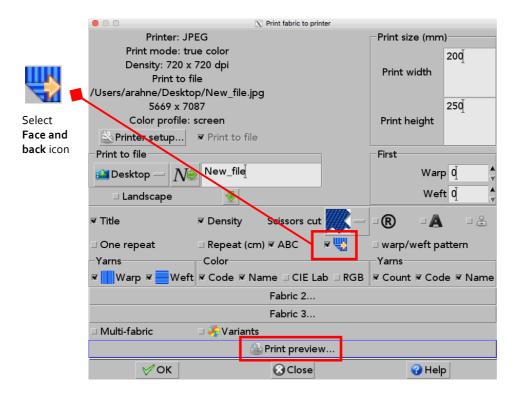
#### WHAT DOES IT DO?

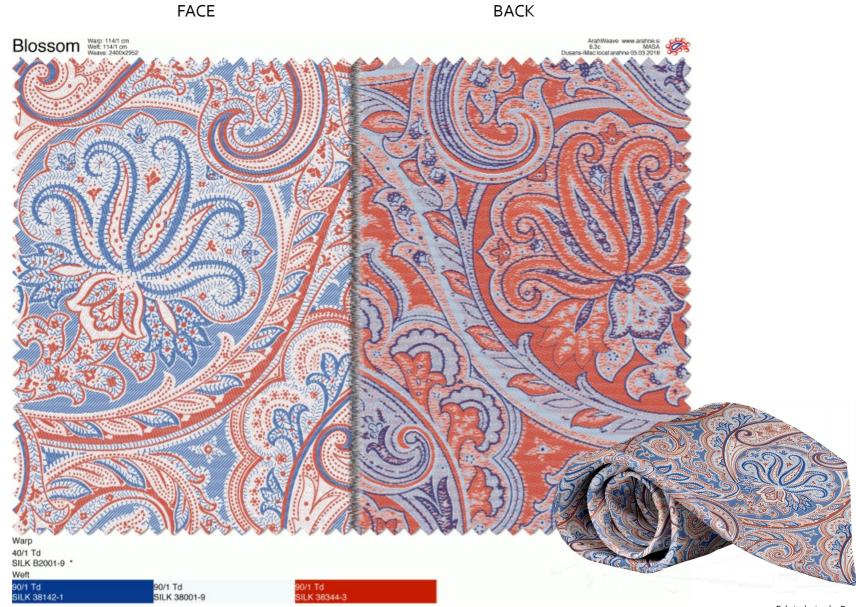
It enables you to print the face and back of the fabric in the same printout.

#### WHERE?

Go to File > Print fabric to printer. In the Print fabric to printer dialog, check the box next to the Face/back icon.

HOWTO USE IT? Select the Face and back icon and click on Print preview. If you like the result in the Print preview window, close it, and click the OK button to print the fabric simulation.







## 3. STITCHING POINTS

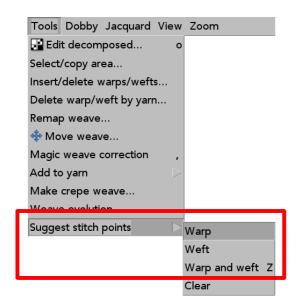
#### WHAT DOES IT DO?

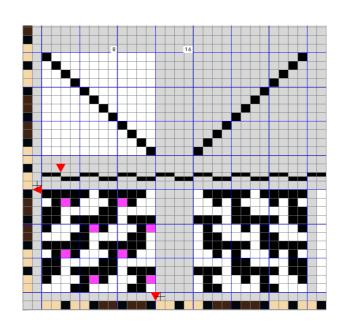
Suggests suitable stitch points for double weave fabrics to tie face and back fabric, so that stitch points are not visible on the surface, but are hidden in the middle.

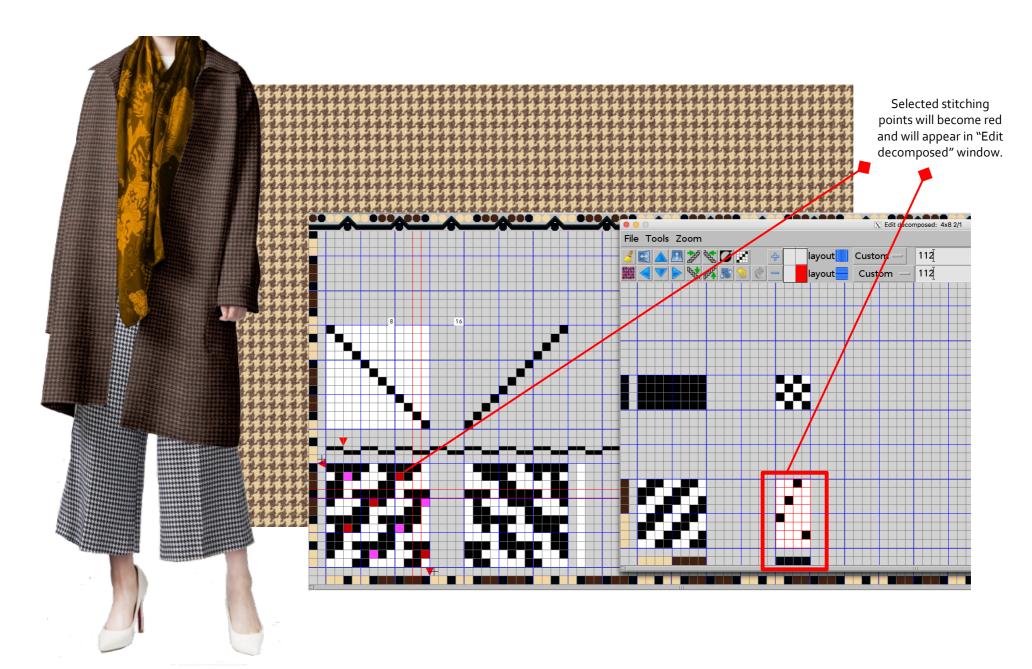
WHERE? When in Weave Editor, go to Tools > Suggest stitch points.

#### **HOWTO USE IT?**

In Weave Editor go to **Tools > Suggest stitch points** and select whether you want the stitching points on **Warp, Weft** or **Warp and Weft**. Suggested stitching points appear on the weave in pink color (weft) or in red color (warp). To apply the point in the weave, left-click the pink point, or right-click the red point.



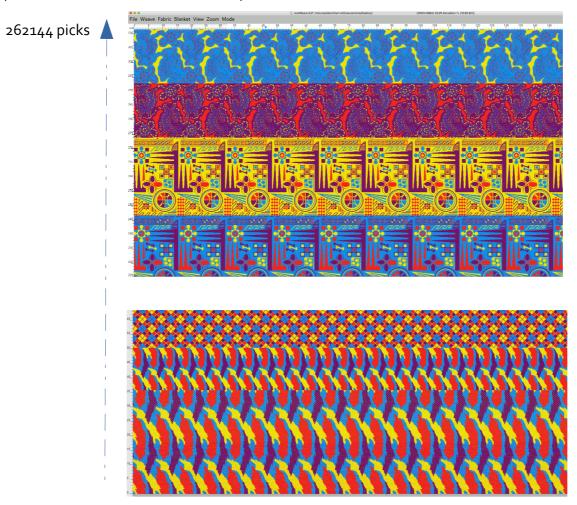




# 4. ARAHWEAVE JACQUARD PRO XL

## WHAT DOES IT DO?

ArahWeave JacquardPro XL can handle up to 262144 picks in one design repeat. With that you can weave even longer fabrics or weft blankets. JacquardPro XL is a payable extension to the standard JacquardPro edition.

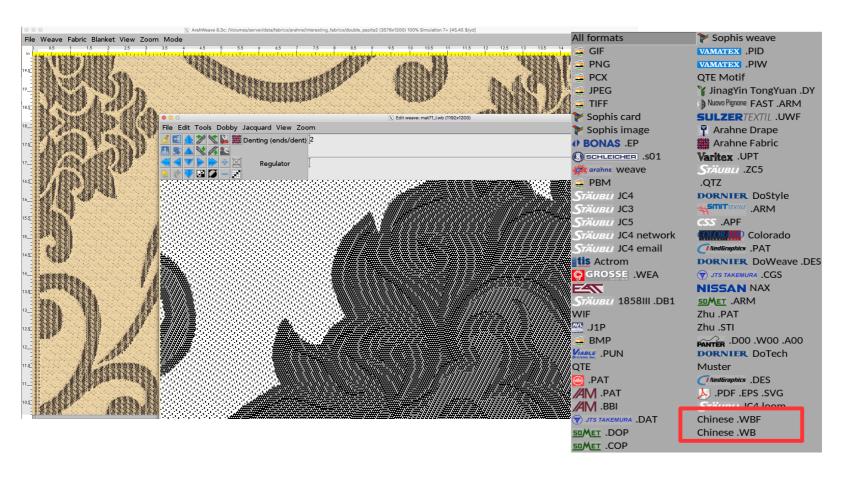


## 5. SUPPORT FOR READING OF CHINESE JACQUARD FORMATS .WBF AND .WB

#### WHAT DOES IT DO?

Among 62 image and weaving formats, ArahWeave and ArahPaint can now read two Chinese jacquard card formats: .wbf and .wb.

WHERE? Go to Weave > Load cards and under All formats select the corresponding card format.



## 6. QUICKLY CHECK THE WEAVE

## WHAT DOES IT DO?

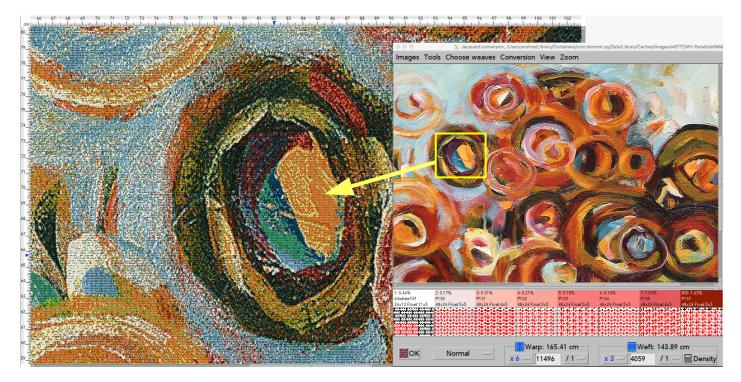
In jacquard conversion you can now quickly check the simulation. Right-click on the area in the image and program will scroll the simulation to that area.

## WHERE?

In Jacquard conversion.

## **HOWTO USE IT?**

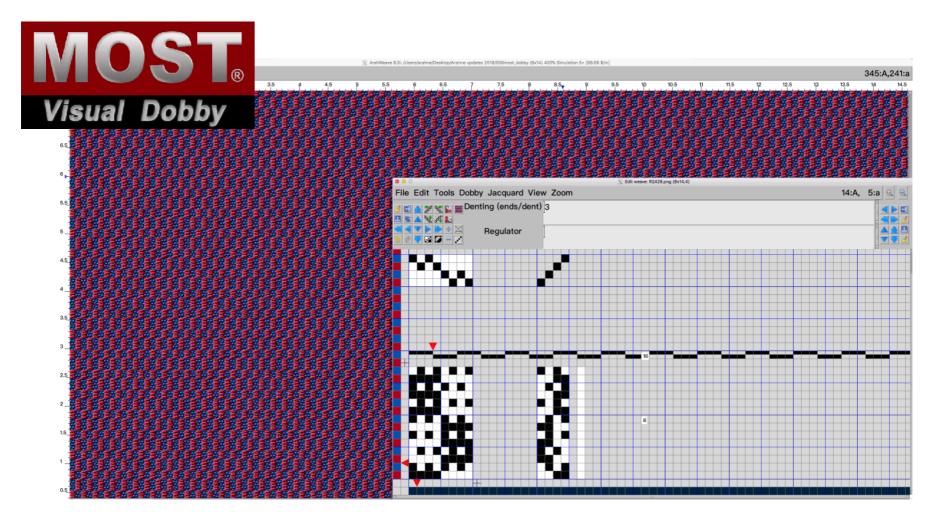
In Jacquard conversion window right-click on the specific area in the image and the software will scroll the simulation to that area.



## 7. Support for reading Most Dobby fabric files

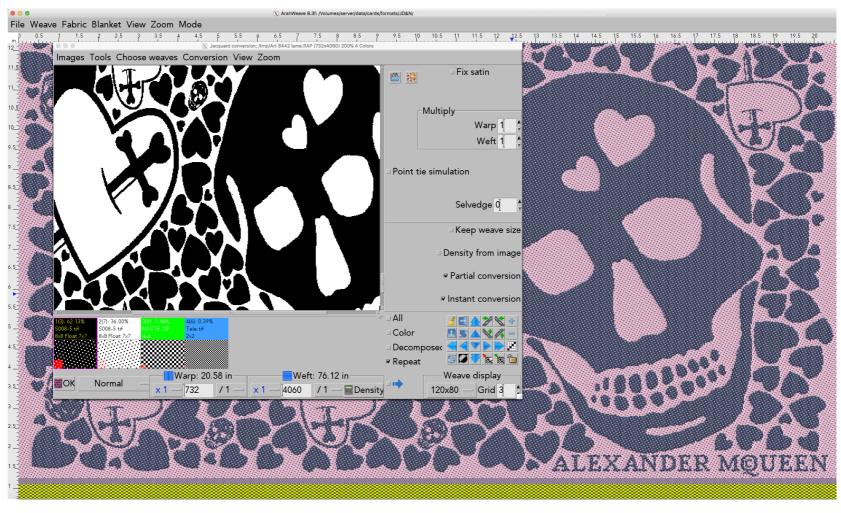
## WHAT DOES IT DO?

ArahWeave loads turkish Most Dobby software .dby fabric files with weave, drafting, dobby card and weft/warp thread pattern.



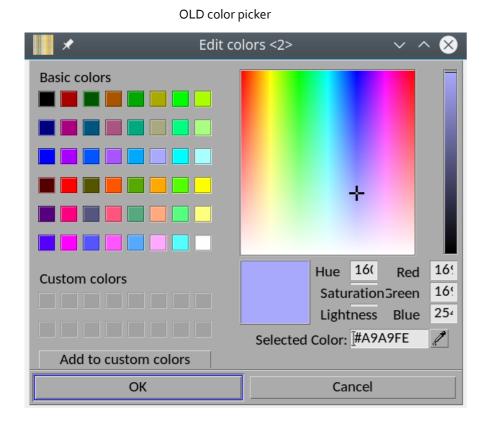
## 8. Support for reading JD&N software fabric files

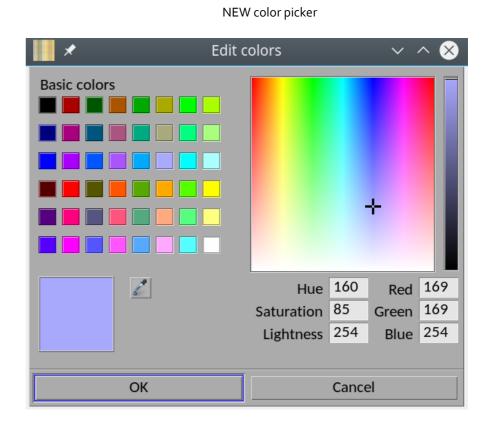
Support for reading .DIS fabric file from jacquard software JD&N from Torino. ArahWeave reads all the fabric data: weave, jacquard color image, warp and weft pattern, yarn colors, yarn names and codes, weaves in jacquard conversion, even in case when they were moved or inverted. We can even read composite weaves.



## 9. COLOR PICKER FACE-LIFT

New version of color picker fixed problems with adapting properly to different font sizes and fixed overlapping of text fields, when changing the language. We dropped some of the elements, which are pointless to our users, such as hexadecimal color display or the possibility to save custom colors (as this option only duplicated the functions in color atlas). The slider on the right for lightness is now interactive.

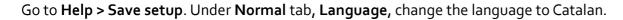




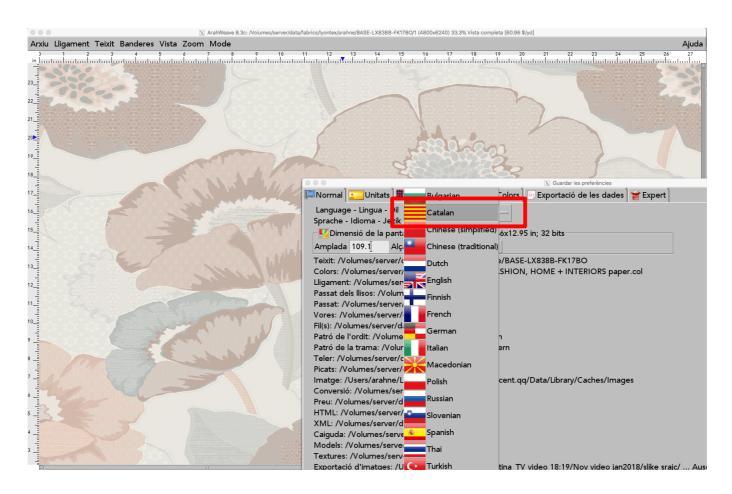
## 10. ARAHNE SPEAKS CATALAN

ArahWeave now supports Catalan language.

WHERE?







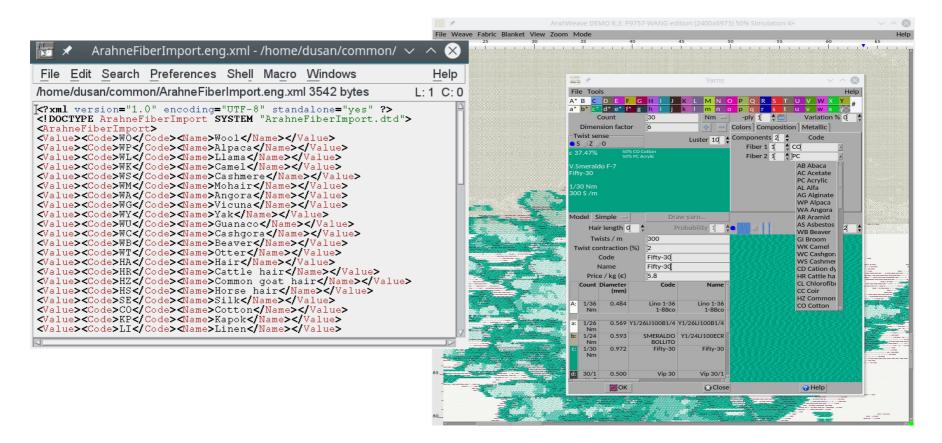
#### 11. ADD YOUR OWN FIBER CODES

#### WHAT DOES IT DO?

Add your own, three or more lettered fiber codes in ArahWeave.

WHERE? Place ArahneFiberImport.xml file with your own fiber codes in data/xml directory.

HOWTO USE IT? Go to Fabric > Yarns, in Yarns window select Composition tab, click on Code and yarn codes are displayed.



## 12. UPDATED ARAHWEAVE MANUAL

We have improved many sections of the user's manual and added two new ones:

- Chapter 5: Variants
- Chapter 9, Section 9.2.2.: Fabric specific settings



http://www.arahne.eu/pdf/aweave-EN.pdf



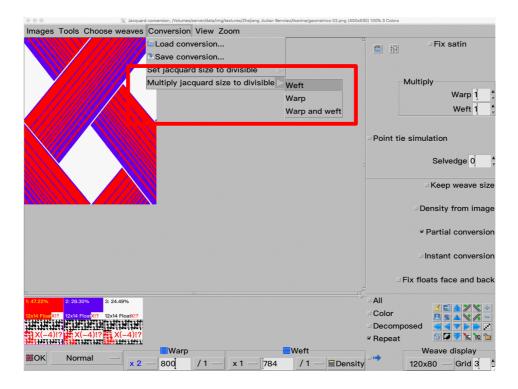
## 13. MULTIPLAY JACQUARD SIZE TO DIVISIBLE

## WHAT DOES IT DO?

Multiplies the fabric simulation up to 16 times. After insertion of weaves, the function divides the simulation in order to make it the same final size.

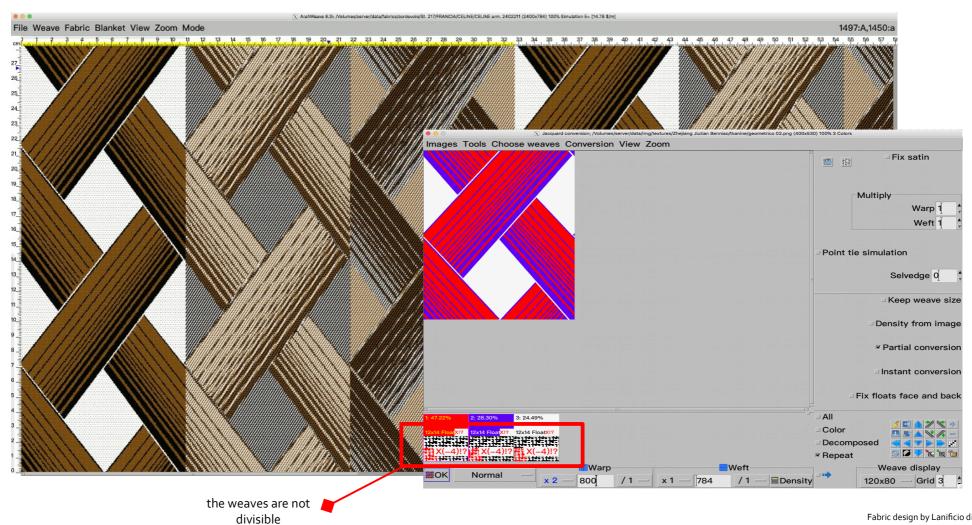
## WHERE?

In Jacquard conversion go to Conversion > Multiply jacquard size to divisible and choose among Warp, Weft or Warp and Weft.

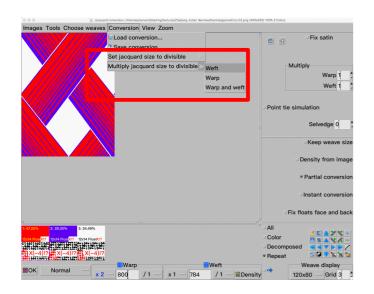


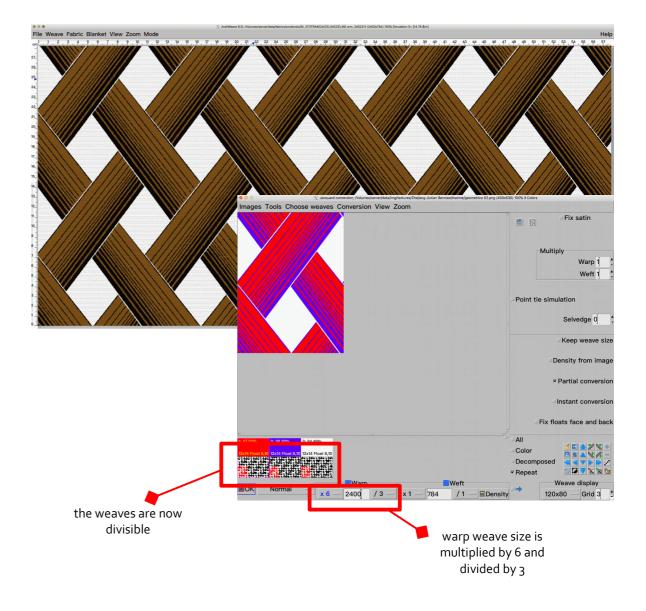
## **HOWTO USE IT?**

If the weave is not divisible, you can correct that by multiplying the jacquard size.



Go to **Conversion > Multiply jacquard size to divisible** and select **Weft, Warp** or **Warp and Weft** and the software will automatically multiply the jacquard size, so that the weave will become divisible.



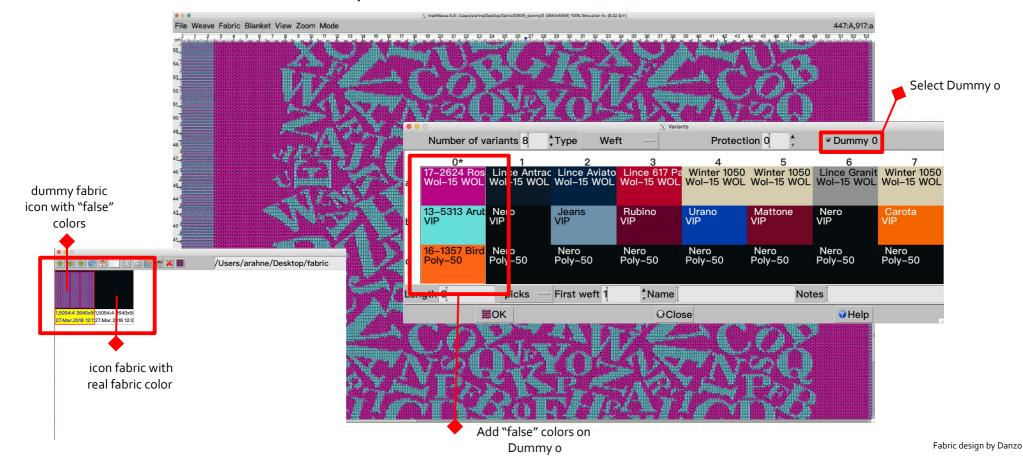


## 14. DUMMY ZERO VARIANT

#### WHAT DOES IT DO?

It adds variant o as dummy, which means that this variant is not included in the variants in HTML printout or in fabric simulation printout of variants. The intention of dummy variant o is to use "false" colors on the design, so the icon will be clearly visible in browsing. The dummy o is also beneficial in the design phase, to use contrasting colors, so all the details are clearly visible.

## WHERE? Go to Blanket > Variants and select Dummy o.





## 15. Personalize screen and print font

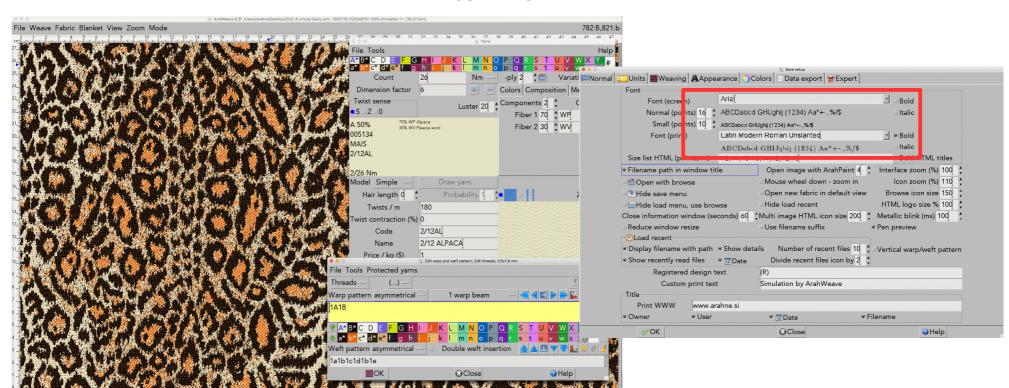
WHAT DOES IT DO?

Configure separate font for screen and for print in normal, bold and italic.

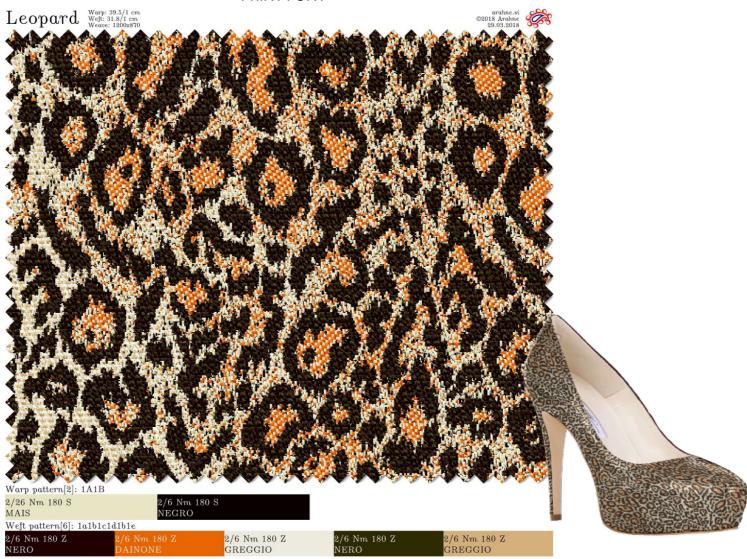
WHERE?

Select **Help > Save setup > Appearance** and choose font for screen and print.

#### **SCREEN FONT**



## PRINT FONT

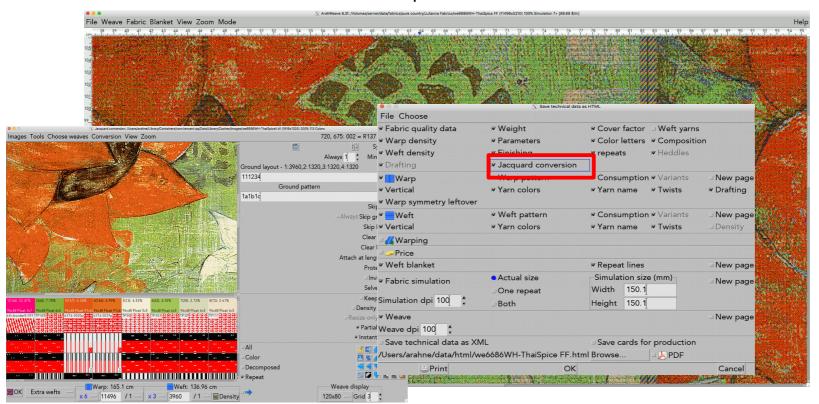


#### 16. Weave conversion information in HTML data sheet

#### WHAT DOES IT DO?

In HTML technical data sheet added option to write weave conversion. It displays the following info: color number, RGB color value, weave name, weave repeat size and weave floats. For extra weft conversion, we added extra line for each weave and also report weft color and yarn letter, if it was chosen by the user.

## WHERE? Go to File > Save technical data as HTML and select Jacquard conversion.





Warp length	99.99 m
Raw length	97.49 m
Fabric length	95.11 m
Raw width	165.1 cm
Finished width	165.1 cm
Warp threads	11496
Density Warp	69.63 / 1 cm
Density Weft (Loom)	28.21 / 1 cm
Density Weft (Raw)	37.11 / 1 cm
Density Weft (Finished)	38.04 / 1 cm
Weft Total	5210
Ground	3960
Regulator	1250
Take-up	2.5%
Waste warp	8%
Waste weft	8%
Weaving shrinkage	0%
Finishing shrinkage	2.5%
Finishing weight change	0%
Consumption	68.44 kg
Dow walah	645.9 g/m
Raw weight	391.2 g/m <sup>2</sup>
Einichad waicht	662.0 g/m
Finished weight	401.0 g/m <sup>2</sup>

Color	RGB	Weave	Size	Long floats	14(150)	207.215.90	63T4-0075p	96x48	,	28(61)	135,196,157	TP206	96x48	5,5
1(144)	255,0,127	63t-border8-091708		7,7	- (()	D		96x16	2,111				96x16	90,111
1(144)	233,0,127	051-0014618-051708	96x16	92,111		Z		96x16	2,111				96x16	90,111
			_					96x16	92,111		Z		96x16	3,111
			96x16	92,111	15(148)	220,66,20	63T4-0110	96x48	47,47	29(22)	226,225,162		96x48	5,5
			96x16	92,111	15(1-10)	D	0514-0110	96x16	5,111	(/			96x16	92,111
2(147)		63T4-0020p	96x48	,				96x16	91,111	-			96x16	92,111
	D		96x16	5,111				96x16	91,111	-	Z		96x16	2,111
	Z		96x16	3,111	16(60)	157,203,171	TP205	96x48	5,5	30(19)	128,93,20	TP56p	96x48	5.5
			96x16	91,111	10(00)	157,205,171	11 203	96x16	93,111	30(17)	120,55,20	1100p	96x16	91,
3(146)	228,112,33	63T4-0029p	96x48	,	-	-			93,111	-			96x16	91,111
	D		96x16	5,111		Z		96x16	3,111	-	Z		96x16	1,111
	Z		96x16	3,111	17(70)	166,80,3	TP118	96x18	5,5	31(45)		TP306	96x48	5,5
	1		96x16	91,	17(79)	100,60,5	11110		91,	31(43)	102,130,27	11 300	96x16	92,111
4(13)	250,246,215	TP50	96x48	5,5				96x16	91,111	-	-		96x16	92,111
1(15)	250,210,215	1100	96x16	92,111		Z				-	Z		96x16	2,111
	-		96x16	92,111	10(14)			96x16	2,111	32(73)	250,214,156		96x16	5.5
	Z				18(14)	251,245,199	1131	96x48	5,5	32(13)	230,214,130	1F112p	96x46	92,111
5(10)			96x16	4,111				96x16	93,111	-			_	92,111
5(42)	167,196,90	TP303	96x48	5,5				96x16	93,111				96x16	-
			96x16	92,111		Z		96x16	3,111	22 (20)	Z		96x16	2,111
			96x16	92,111	19(99)	140,83,33	TP414	96x48	5,5	33(30)	84,84,52	TP32	96x48	5,5
	Z		96x16	2,111				96x16	91,111				96x16	92,111
6(72)	244,224,203	TP111	96x48	5,5				96x16	91,111				96x16	92,111
			96x16	92,111		Z			1,111		Z		96x16	2,111
			96x16	92,111	20(15)	252,238,155	TP52	96x48	5,5	34(80)	156,53,3	TP119	96x48	5,5
	Z		96x16	2,111				96x16	92,111				96x16	91,
7(28)	218,216,187	TP30	96x48	5,5				96x16	92,111				96x16	91,111
- ()			96x16	93,111		Z		96x16	4,111		Z		96x16	1,111
			96x16	93,111	21(108)	153,108,72	TP523p	96x48	5,5	35(66)	192,169,219	TP161	96x48	5,5
	Z		96x16	3,111				96x16	91,III				96x16	91,III
D/0.4>				-				96x16	91,11				96x16	91,111
8(24)	170,162,72	1P23	96x48	5,5		Z		96x16	3,111		Z		96x16	2,111
			96x16	91,	22(149)	219,27,11	63T4-0107	96x48	47,47	36(100)	112,64,35	TP415p	96x48	5,5
			96x16	91,		D		96x16	5,111				96x16	91,III
	Z		96x16	2,111				96x16	90,111				96x16	91,III
9(23)	218,215,131	TP22	96x48	5,5				96x16	90,111		Z		96x16	3,111
			96x16	91,III	23(78)	246,117,71	TP117	96x48	5,5	37(9)	147,29,6	TP137	96x48	5,5
			96x16	91,111				96x16	92,111				96x16	91,III
	Z		96x16	2,111				96x16	92,111				96x16	91,III
10(1)	255,255,255	63t-white101.tif	96x48	5,5		Z		96x16	2,111		Z		96x16	3,111
		İ	96x16	92,111	24(17)	195,165,71	TP54	96x48	5,5	38(102)	95,43,11	TP417	96x48	5,5
			96x16	92,111				96x16	93,111				96x16	91,III
	Z		96x16	4,111				96x16	93,111				96x16	91,
11(29)	129,131,98		96x48	5.5		Z		96x16	3,111	1	Z		96x16	1,
11(2)	125,151,98	1101	96x16	92,111	25(2)	246,224,224	TP130	96x48	5,5	39(46)	83,103,30	TP307	96x48	5,5
	-			92,111				96x16	91,III				96x16	91,III
	-		96x16	_				96x16	91,III				96x16	91,
	Z		96x16	2,111		Z		96x16	2,111		Z		96x16	2,111
12(16)	250,229,109	TP53	96x48	5,5	26(76)	252,173,80	TP115	96x48	5,5	40(62)	107,178,130	TP207	96x48	5,5
			96x16	92,111			İ	96x16	92,111		Ī		96x16	92,111
			96x16	92,111		i		96x16	92,111		İ		96x16	92,111
	Z		96x16	4,111		Z		96x16	2,111		Z		96x16	2,111
13(44)	137,176,61	TP305	96x48	5,5	27(21)	228,223,185		96x48	5.5	41(35)	99,116,158	TP764	96x48	5,5
			96x16	92,111	- (/	1,221,100		96x16	93,111				96x16	92,111
	İ		96x16	92,111				96x16	93,111				96x16	92,111
	Z		96x16	2,111		Z			3,111		Z		96x16	2,111
				F ***	II.		I .	- 5410	I- 3	II.			1	,

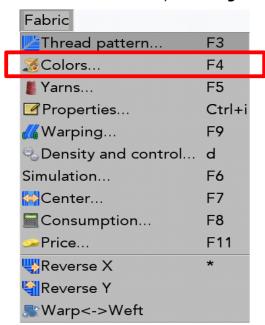


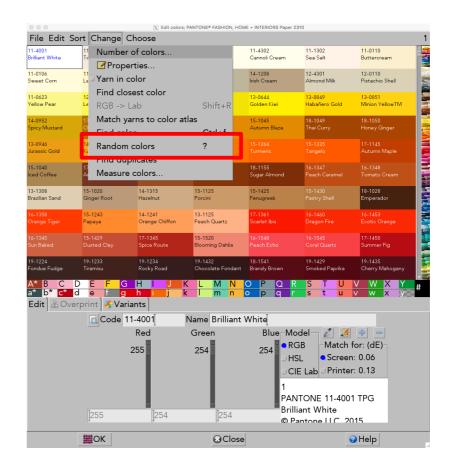
## 17. RANDOM COLORS

#### WHAT DOES IT DO?

Use random colors function to automatically change the colors of the yarns using the chosen color palette. It is very useful when making fabric color variants.

WHERE? Go to Fabric > Colors and open Change menu.





## **HOWTO USE IT?**

Click on the **Random colors** function or use **shortcut** "?" when in Edit colors window and the yarn colors will automatically change choosing random colors from loaded color palette.

19-1325	15-1150	19-1250	13-0922
Hot Chocolate	Dark Cheddar	Picante	Straw
13-0858	12-0643	14-1051	16-0840
Vibrant Yellow	Blazing Yellow	Warm Apricot	Antique Moss
17-3014	17-2624	15-3207	14-1909
Mulberry	Rose Violet	Mauve Mist	Coral Blush
18-1664	17-1664	16-1544	15-5416
Fiery Red	Poppy Red	Persimmon	Florida Keys
19-4021	19-5406	19-4305	18-6030
Blueberry	Pine Grove	Pirate Black	Jolly Green
19-4818	17-0330	18-0515	14-0156
Mallard Green	Turtle Green	Dusty Olive	Summer Green
11-0304	11-0609	12-0717	15-4415
Water Lily	Ethereal Green	Anise Flower	Milky Blue
18-4217	17-4139	17-4111	13-4308
Bluestone	Azure Blue	Citadel	Baby Blue





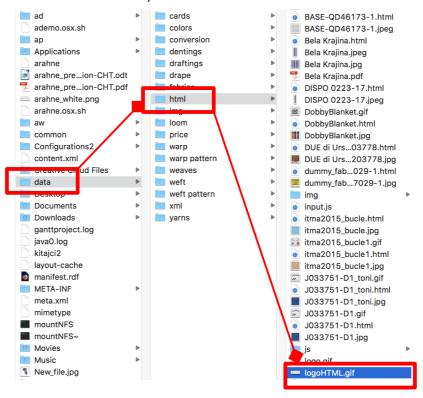
## 18. ADD SECOND LOGO ON THE HTML DATA SHEET

#### WHAT DOES IT DO?

You can add a second image on HTML data sheet. Sometimes a customer wants to have more info in the data sheet header, so we added the option of adding another logo image.

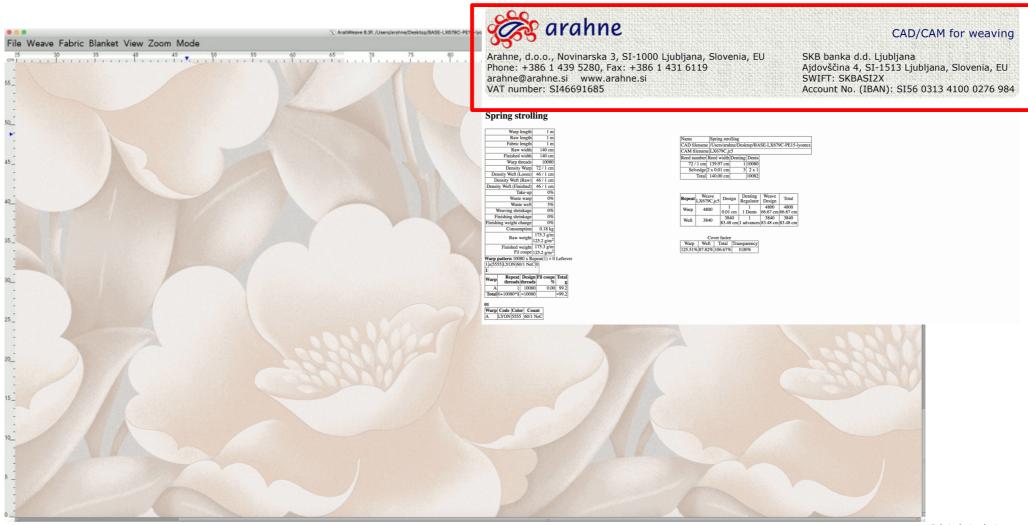
#### WHERE?

Place the file using filename logoHTML.gif into data/html directory.



#### **HOWTO USE IT?**

Go to File > Save technical data as HTML and press Print. Inserted logoHTML will be displayed on the top of the page.



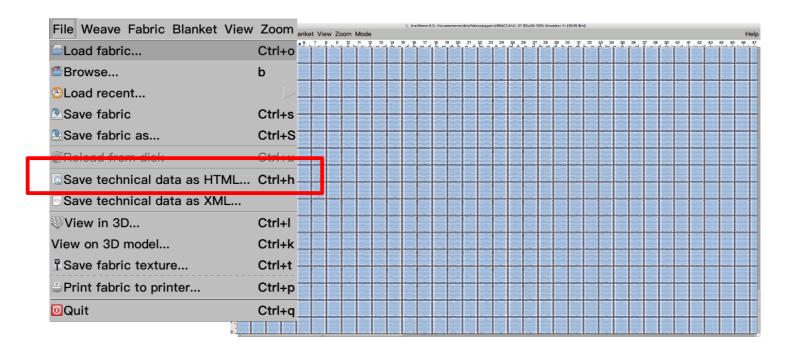
## 19. SETUP HTML DATA SHEET

#### WHAT DOES IT DO?

You can now setup different data for specific HTML data sheets, save the data layout and load it when needed. Different customers use different data sheets for different purposes: warping, commercial, production, etc. This function allows faster access to the HTML data sheet layout needed for a specific purpose.

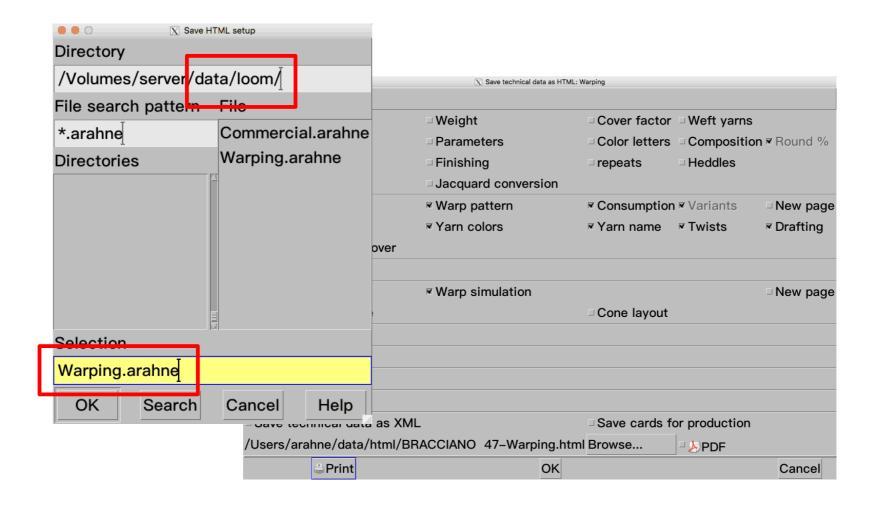
WHERE?

## Go to File > Save technical data as HTML.



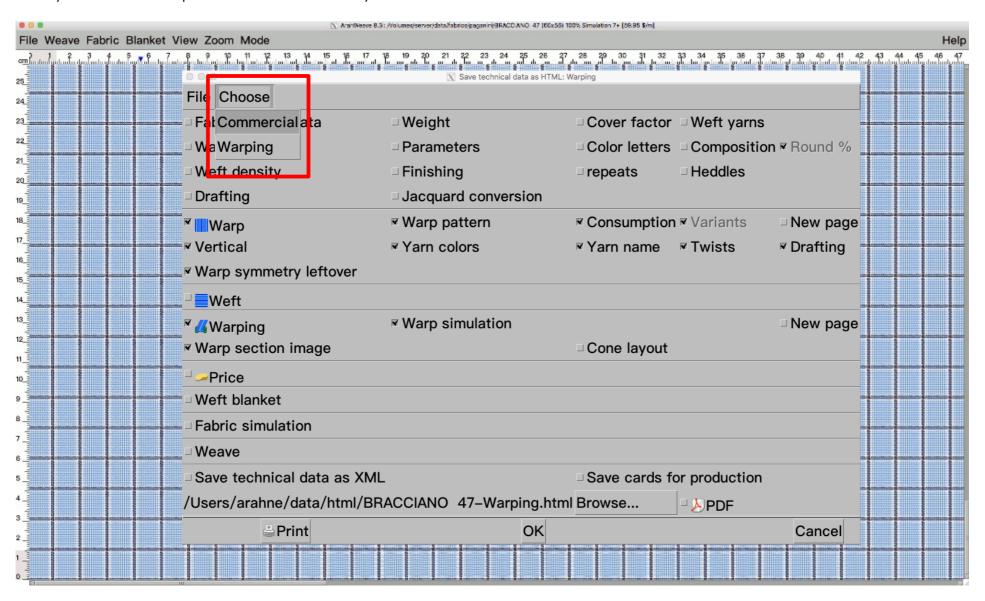
#### **HOWTO USE IT?**

Set the parameters on the **Save technical data as HTML** window, go to **File > Save HTML setup** and under directory **data/looms** insert the layout name and put **.arahne** at the end of the filename, for example: Warping.arahne, Commercial.arahne, etc.





Already saved HTML Setup can be loaded immediately from **Choose** menu.





## WARPING HTML DATA SHEET



#### **BRACCIANO 47**

Warp threads: 6536

Warn nattern 108 x Reneat(60) + 56 Leftover

445	ur j	p pattern 108	x Repeat(c	)U) + 3	o Leitover	
1	b	Fiordaliso	80/2 NeC	300 S	1	
2	a	bianco ordito	80/2 NeC	300 S	2,3	9 x (4)
2	b	Fiordaliso	80/2 NeC	300 S	4, 1	= 36
2	a	bianco ordito	80/2 NeC	300 S	2,3	
1	b	Fiordaliso	80/2 NeC	300 S	4	
6	a	bianco ordito	80/2 NeC	300 S	1, 2, 3, 4, 5, 6	
2	С	Caffé	40/3 NeC	300 S	7, 11	
4	b	Fiordaliso	80/2 NeC	300 S	<b>2</b> (3, 2)	
2	c	Caffé	40/3 NeC	300 S	12,8	
6	a	bianco ordito	80/2 NeC	300 S	9, 10, 1, 2, 3, 4	
60						

Warp		Repeat hreads			Repeat %	Weight %		Total kg
A		32	348	4	53.33	47.03	1	6.773
В		24	261	6	40.00	35.31	1	2.594
С		4	43	6	6.67	17.66		6.297
Total	56+1	108* <b>60</b>	=653	6			=3	5.664
Wa	rp	A	Α	Г	В	C		
Cou	nt	80/2 N	eC	8	0/2 NeC	40/3 N	еC	
Twists	(/m)	300 S		3	00 S	300 S		
1		bianco	ordito	F	iordalisc	Caffé		

Threads in fabric width: 6536 Number of sections: 0

Reed number (Dents/1 cm): 72

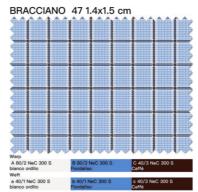
Denting (ends/dent): 3 Warp beam width (cm): 140

## **COMMERCIAL HTML DATA SHEET**



300 m	Warp length
288 m	Raw length
271.7 m	Fabric length
160 cm	Raw width
150 cm	Finished width
6536	Warp threads
43.57 / 1 cm	Density Warp
32 / 1 cm	Density Weft (Loom)
34.46 / 1 cm	Density Weft (Raw)
36.53 / 1 cm	Density Weft (Finished)
56	Weft Total
52	Ground
4	Regulator
66.51 kg	Consumption

CAD filenam	e/Volumes/s	server/data/fabr	ics/pag	anini/BRACCIANO 47
Reed number	Reed width	Denting	Dents	
18 / 1 cm	169.44 cm	22(2) 4(3) 2(2)	3050	



mmm	//	/
		. 7668

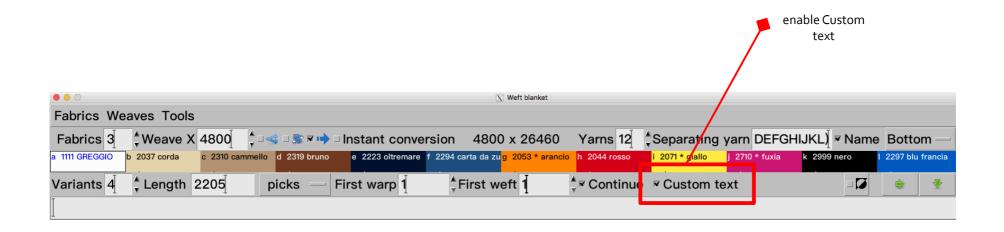
#### 20. CUSTOM TEXT IN WEFT BLANKET

#### WHAT DOES IT DO?

You can add custom text inside the separating area between different patterns. The inserted text will be woven in the separating area on the fabric. In this way, the samples passed to the customers do not need a written tag, which may detach or get mixed up. Customer can read the woven header and you know exactly which design and color variant they have ordered.

#### WHERE?

Go to Blanket > Weft blanket and enable Custom text.



#### **HOWTO USE IT?**

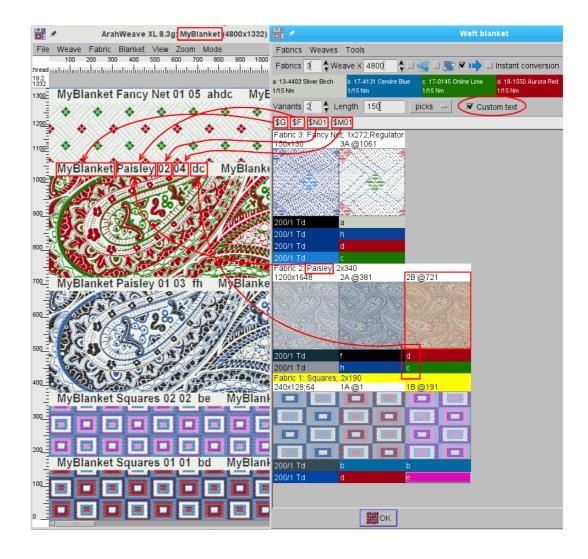
In the text field insert the custom text or use special codes that will automatically add fabric's specific information into the separate area. The codes are:

**\$G**: It adds the filename of the main fabric.

**\$F**: It adds the filename of a component fabric.

**\$N**: type \$Noo1 to the custom text to have the auto-incremented number for variants inside one component fabric. For example, if you enter \$No1, program will insert o1 for first variant, o2 for second, and so on.

**\$M:** Type \$Moo1 to the custom text to have the auto-incremented number for all variants.





## 21. New ArahWeave video tutorials

Donegal Tweed fabric design



JACQUARD DESIGN IN 5 MINUTES



DOUBLE FABRIC DESIGN



FABRIC COLOR VARIANTS



SAVE JACQUARD CARDS FOR PRODUCTION





# **A**RAH**P**AINT

## 1. WORK WITH TRANSPARENT IMAGES

WHAT DOES IT DO?

ArahPaint6 supports working with transparent images (RGBA format).

WHERE?

Go to File > New Picture.

**HOWTO USE IT?** 

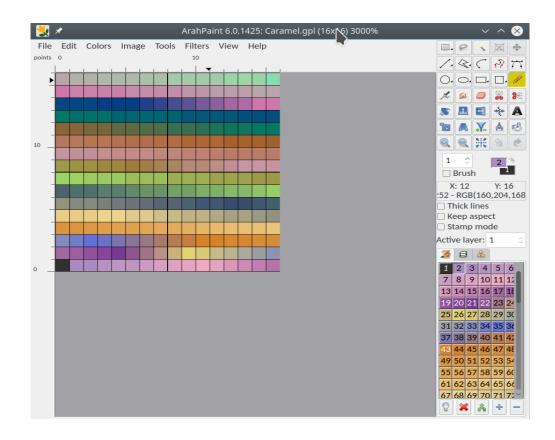
Select True color transparency and Transparent colors.

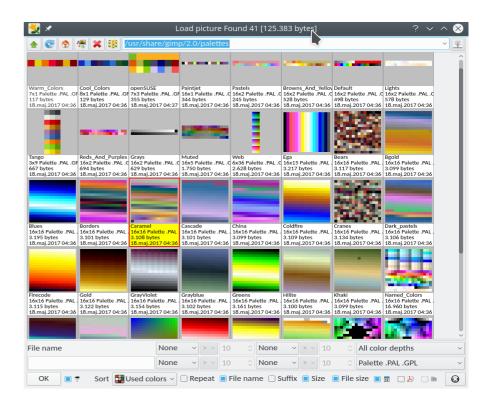


#### 2. LOAD COLOR PALETTES AS IMAGES

#### WHAT DOES IT DO?

Loads color palettes as images in Paint Shop Pro's. PAL and in Gimp's .GPL format. If you want to map an image to a specific color palette, use **Colors > Load colormap from image**.





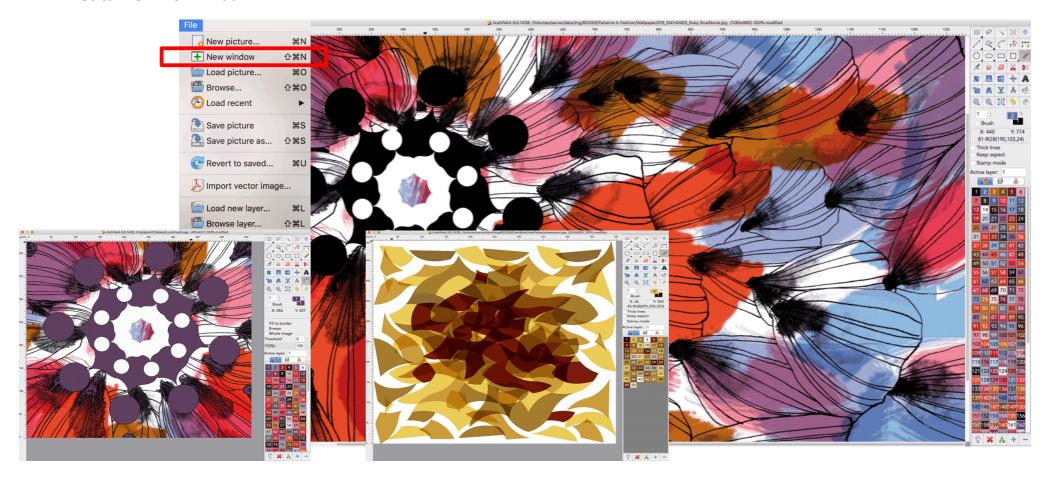


# 3. MULTI DOCUMENT SUPPORT

## WHAT DOES IT DO?

In ArahPaint6 in Mac OSX you can open several windows to work with different images at same time.

## WHERE? Go to File > New window.





# 4. New Arah Paint video tutorials

DESIGN WITH CONTOUR TOOLS



DESIGN WITH CONTOURS AND GRADIENT FILTER



CREATE SEAMLESS REPEAT FROM PHOTOGRAPHED OR SCANNED FABRIC



CREATE SEAMLESS REPEAT FROM PHOTOGRAPHED OR SCANNED FABRIC





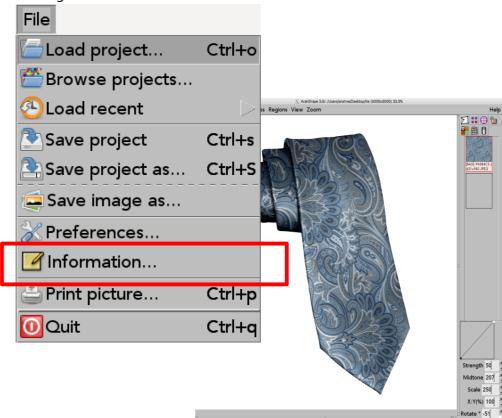
# **A**RAH**D**RAPE

## 1. AUTOMATIC LABELS

#### WHAT DOES IT DO?

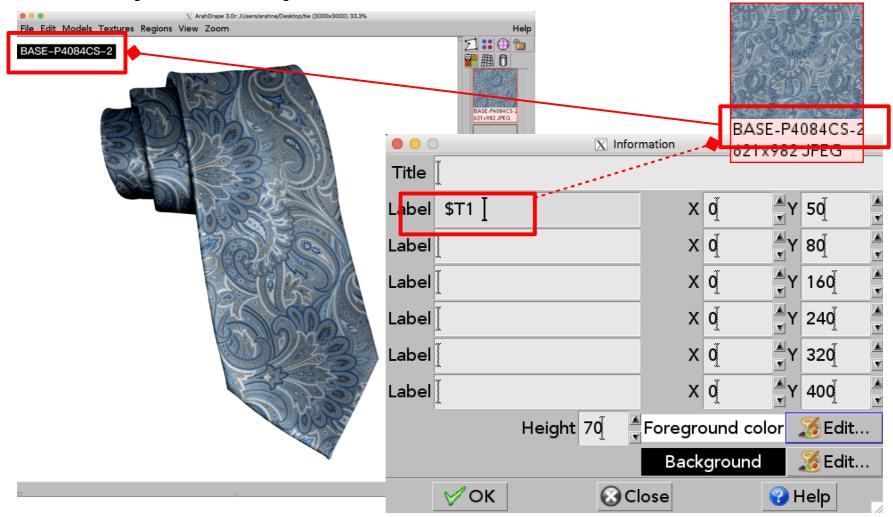
ArahDrape supports automatic labels. You can place 6 custom labels anywhere on the draped image. Texture name is extracted from the filename. It is very useful for large quantities of images, when using batch function.

WHERE? Go to File > Information.



## **HOWTO USE IT?**

In the Information window insert \$T1 and the software will create the label by taking the filename from the first texture. If we want to add the second label (texture name), under second Label insert \$T2 and so on. Set also the label parameters such as text Height, the position of the label on the image (X and Y) and the foreground (text) and background color.











By using **batch function,** images are saved automatically with corresponding texture filename label.











## 2. ADD CUSTOM BACKGROUND COLOR

## WHAT DOES IT DO?

When working with transparent images, you can add a customized background color.

## WHERE?

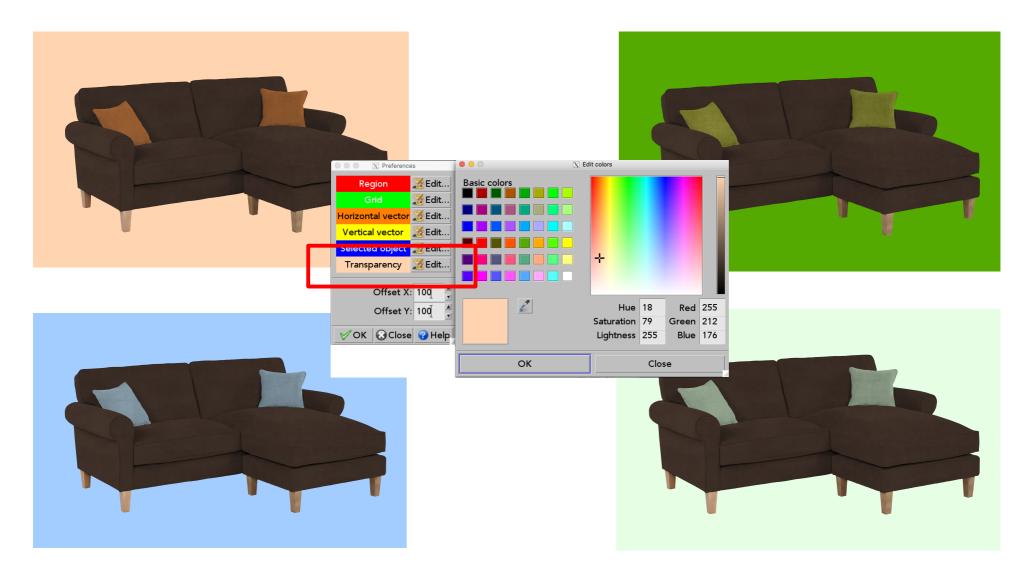
Go to View > Transparency and select custom.



# www.arahne.si

## **HOWTO USE IT?**

To change the custom color, go to **File > Preferences**, under **Transparency** click on the **Edit** icon and select the color.





# **NEW APP: TABLET BASED DIGITAL FABRIC CATALOGUE**

Tekstina needed a system to show their new fabric collection at the fair, and collect the orders for samples. So we have made a tablet based system, which does all that in a visual way. It is so simple, that customers can place their own orders. Click on the image below to see the video!

