



# Arahne Software Updates 2019

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The updates presented in this brochure were made from March 2018 until December 2019. We have fixed numerous bugs and implemented 464 new features. Only a small selection of new features is presented in this document.

From March 2018 until December 2019, Arahne software covered the following versions:

- ArahWeave: from version 8.3d till 9.1f
- ArahPaint5: from version 5.0.530 till 5.0.1628
- ArahPaint6: version 6.0.1341 till 6.0.1628
- ArahDrape: from version 3.0g to 3.1a



## ARAHWEAVE

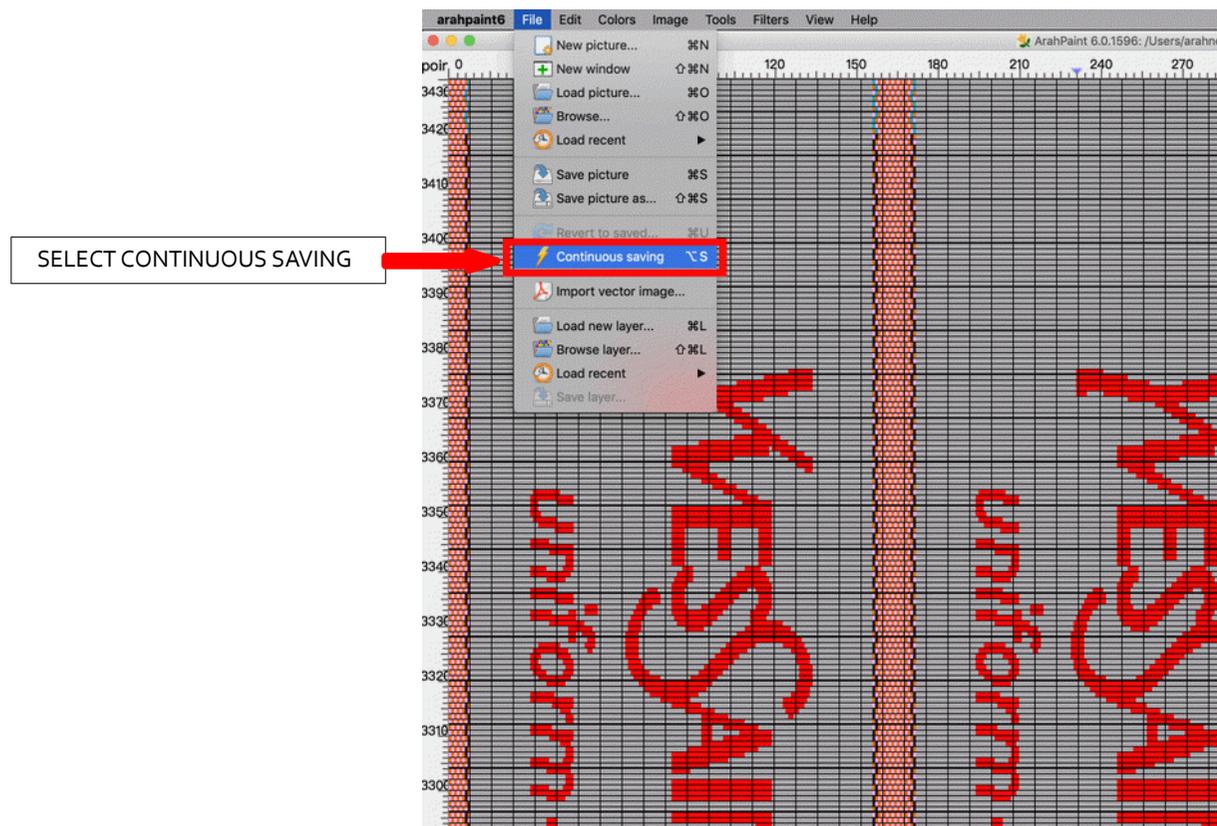
### 1. ARAHPAINT AND ARAHWEAVE WORKING HAND IN HAND

#### WHAT DOES IT DO?

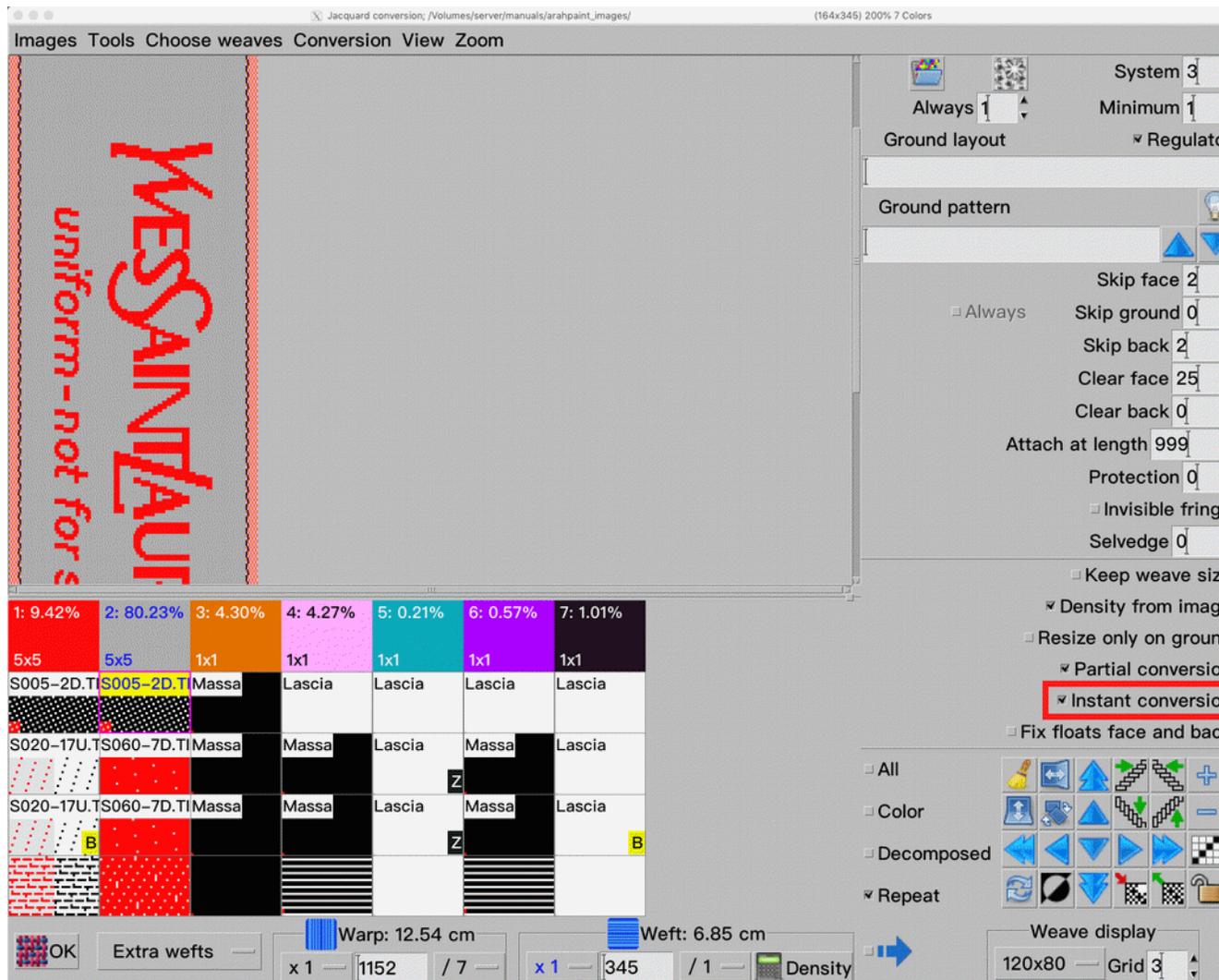
Use ArahWeave and ArahPaint at the same time, when designing the fabric. While you edit the image in ArahPaint, in ArahWeave Jacquard conversion the changes on the image are saved instantaneously. Consequently, the change on the fabric simulation is also instant.

#### WHERE AND HOW TO USE IT?

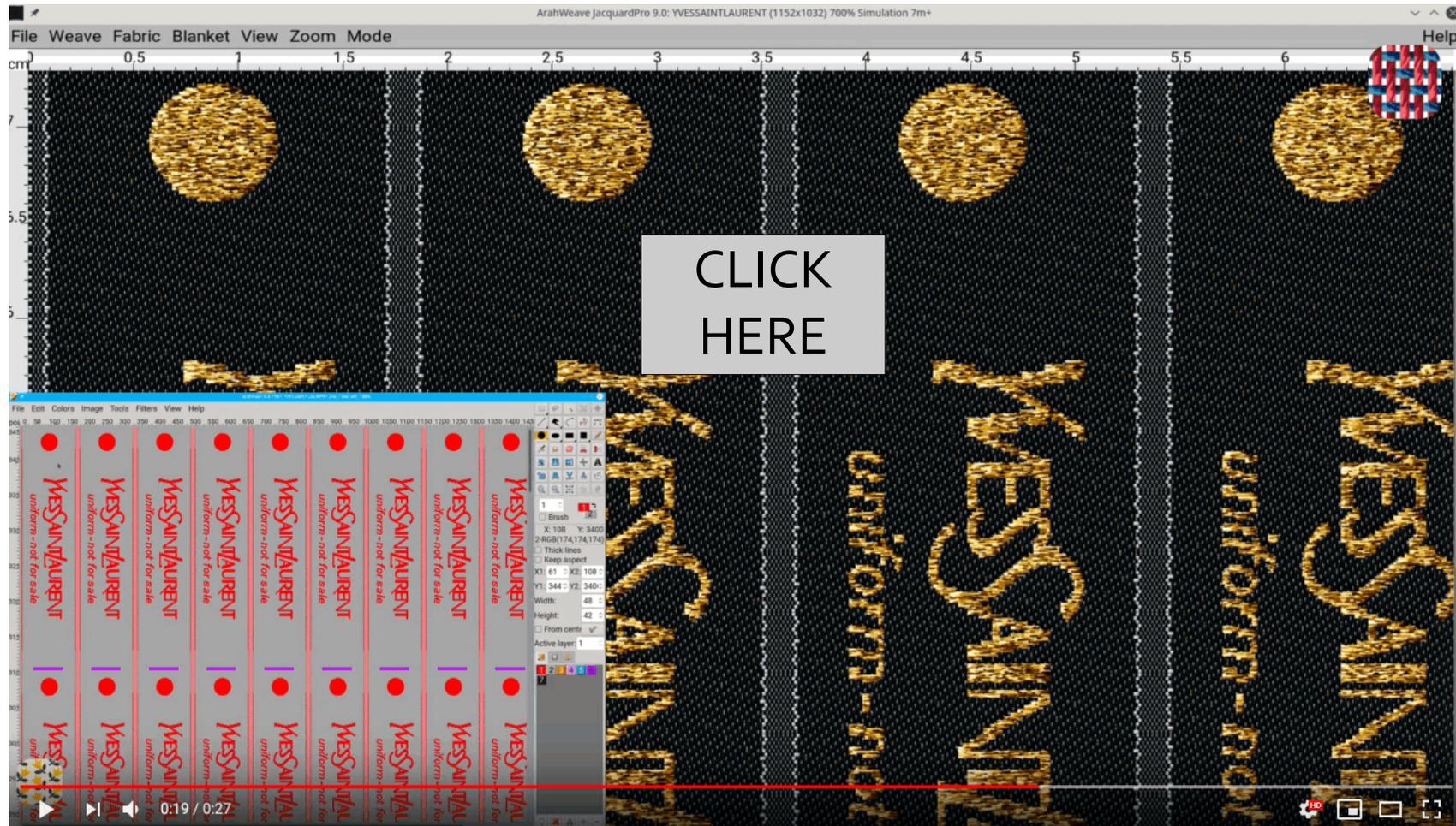
Open ArahPaint and load the image, then go to **File** and select **Continuous saving**.



In ArahWeave, go to **Weave > Jacquard conversion** and load the same image (if you want to keep the original photo, we suggest that you save the image on which you will make the changes, under a new name) and make sure **Instant conversion** is checked.



Edit image in ArahPaint and at the same time observe the changes on the fabric simulation:



## 2. SEARCH FABRIC BY ITS ADDITIONAL PROPERTIES

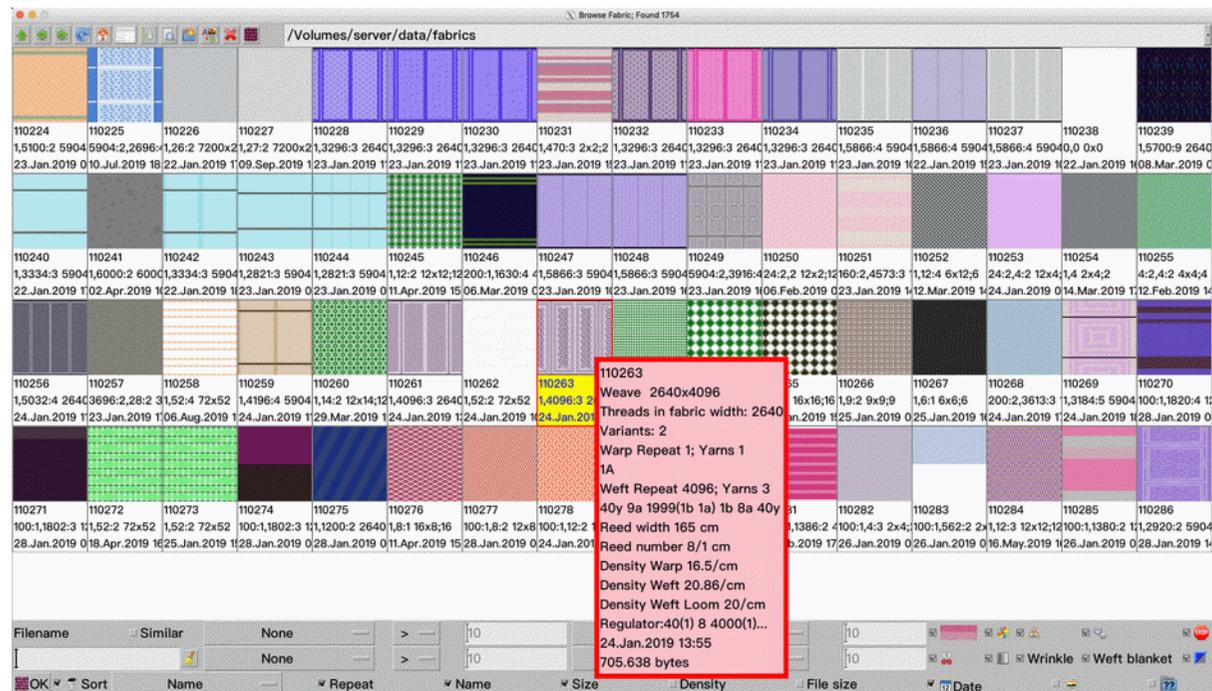
### WHAT DOES IT DO?

In Browse window you can see and search the fabric by additional fabric properties, such as: weft loom density, reed width and reed number.

### WHERE AND HOW TO USE IT?

Go to **File > Browse**, select a fabric and hover the mouse above it to show the fabric properties. Or go to List view and see the fabric properties next to the fabric name.

### BROWSE WINDOW



### LISTVIEW

Browse Fabric; Found 1754

/Volumes/server/data/fabrics

Name	Date	Weave X	Weave Y	Shafts	Density X	Density Y	Density Loom	Threads	Reed wid	Reed nur	Warp	Yarns	Weft	Yarns	Dents	advanc	Variant	File
110299	31.Jan.2019 10:32	5904	4016	5904	36.90	20.86	20.00	5904	168.67	17.50	1	1	4016	4	1	4002	5	11
110264-TIR	19.Jul.2019 15:31	16	432	16	20.00	21.63	20.00	6000	86.79	8.75	1	1	432	4	1	1	6	7
110264	10.Sep.2019 15:26	16	16	16	20.00	21.63	20.00	6000	86.79	8.75	1	1	16	2	1	1	11	7
110268	24.Jan.2019 17:36	12	3613	12	35.87	20.79	20.00	5920	185.00	16.00	200	2	3613	3	1	1	5	4
110263	24.Jan.2019 13:55	2640	4096	2640	16.50	20.86	20.00	2640	165.00	8.00	1	1	4096	3	1	4082	2	70
110225	10.Jul.2019 18:56	5904	2696	5904	36.90	20.90	20.00	5904	168.67	17.50	5904	2	2696	4	1	2682	18	16
110209	24.Jan.2019 18:29	5904	3896	5904	36.90	20.88	20.00	5904	168.67	17.50	5904	2	3896	5	2952	3882	2	11
110294	29.Jan.2019 09:20	5904	4000	5904	36.90	20.79	20.00	5904	168.67	17.50	1	1	4000	3	1	1	2	8
110969	02.May.2019 17:59	12	2216	12	28.22	24.18	20.00	5080	195.39	13.00	200	1	2216	7	1	1906	2	5
110718-inv	20.Mar.2019 17:10	5904	4768	5904	36.90	25.54	20.00	5904	168.67	17.50	5904	2	4768	5	2952	3882	2	9
110718	20.Mar.2019 10:22	5904	4768	5904	36.90	25.54	20.00	5904	168.67	17.50	5904	2	4768	5	2952	3882	2	9
110889	16.May.2019 17:38	5904	4016	42	36.90	20.86	20.00	5904	168.67	17.50	1	1	4016	6	1	4002	3	9
110694	19.Mar.2019 11:06	2	4	2	22.88	21.28	19.50	7440	90.04	21.50	7500	1	4	4	1	1	2	1
111137	12.Jun.2019 10:32	2	2	2	26.70	20.00	19.50	3872	161.35	24.00	1	1	2	2	1	1	2	1
111134	28.May.2019 17:12	2	2	2	26.81	20.00	19.50	4960	206.64	24.00	1	1	2	2	1	1	2	1
111390	26.Jul.2019 11:23	6	3277	6	35.88	19.76	19.00	5920	185.00	16.00	200	2	3277	3	1	1	20	1
111587	02.Sep.2019 11:44	5904	3916	5904	36.90	19.82	19.00	5904	168.67	17.50	1	1	3916	4	1	3902	11	16
110081	19.Mar.2019 18:46	4	4	4	18.27	19.76	19.00	2923	171.94	17.00	1	1	4	1	1	1	2	2
111579	06.Aug.2019 11:40	12	3346	12	35.87	20.11	19.00	5920	185.00	16.00	80	2	3346	4	1	3286	2	3

Filename Similar None > 10 None > 10 None > 10 None > 10

Wrinkle Weft blanket

### 3. SHOW WEAVES WITH EQUAL DRAFTING

#### WHAT DOES IT DO?

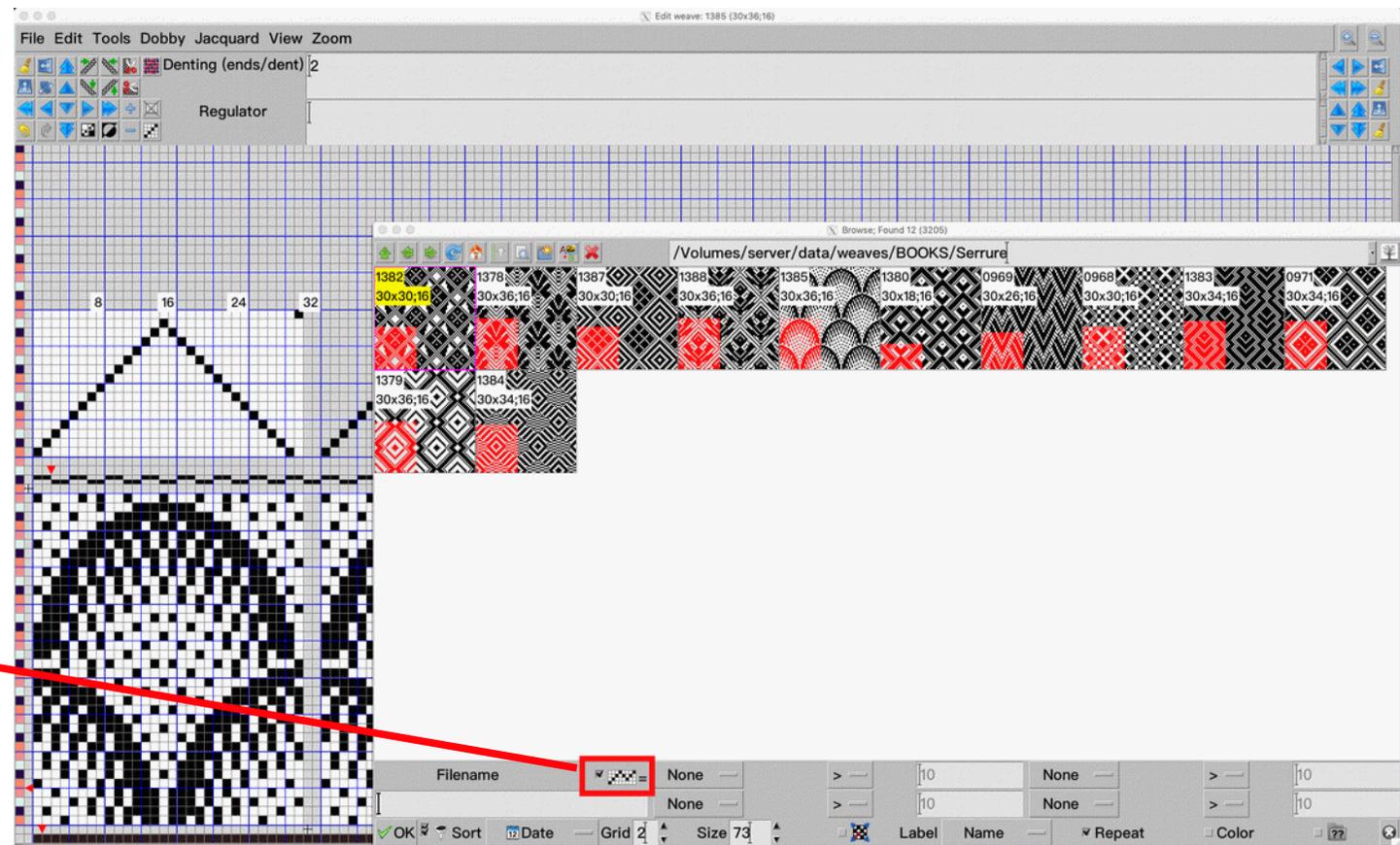
New filter in weave browser shows you the weaves with equal drafting to the weave in Weave editor.

#### WHERE?

In **Weave editor**, go to **File > Browse**.

#### HOW TO USE IT?

In Weave browser open the directory with weaves and select **Equal drafting**. Weave browser will show all the weaves that have equal drafting to the weave in the Weave editor window.



SELECT EQUAL  
DRAFTING

#### 4. SHOW WEAVES WITH EQUAL NUMBER OF SHAFTS

##### WHAT DOES IT DO?

New filter in Dobby card browser allows you to search for weaves with equal number of shafts to the weave in Weave editor.

##### WHERE?

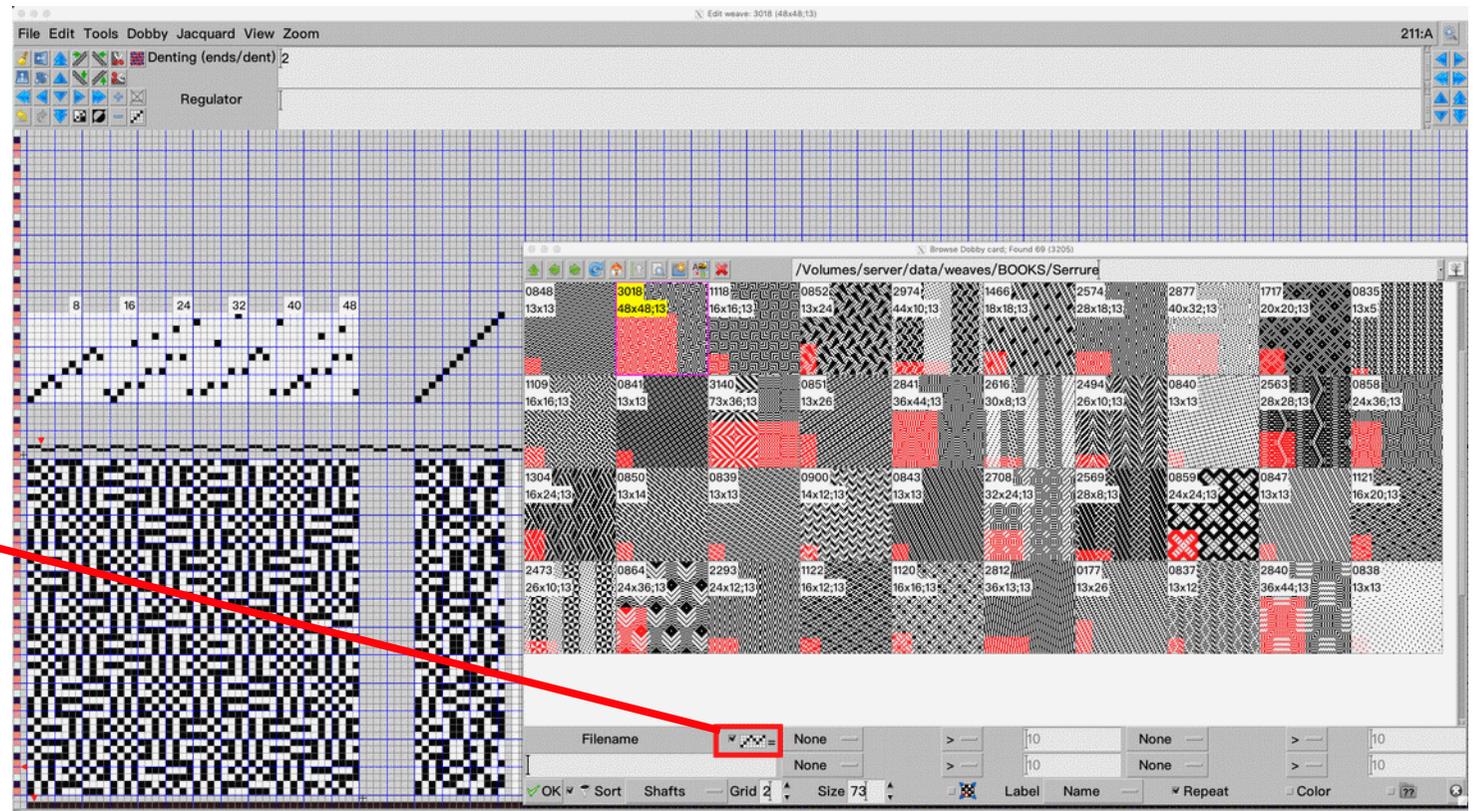
In **Weave editor**, go to **File > Load dobbie card**.

##### HOW TO USE IT?

In Dobby card browser open the directory with weaves and select **Equal shafts**. Dobby card browser will show all the weaves that have equal number of shafts to the weave in the Weave editor window.



SELECT EQUAL  
SHAFTS



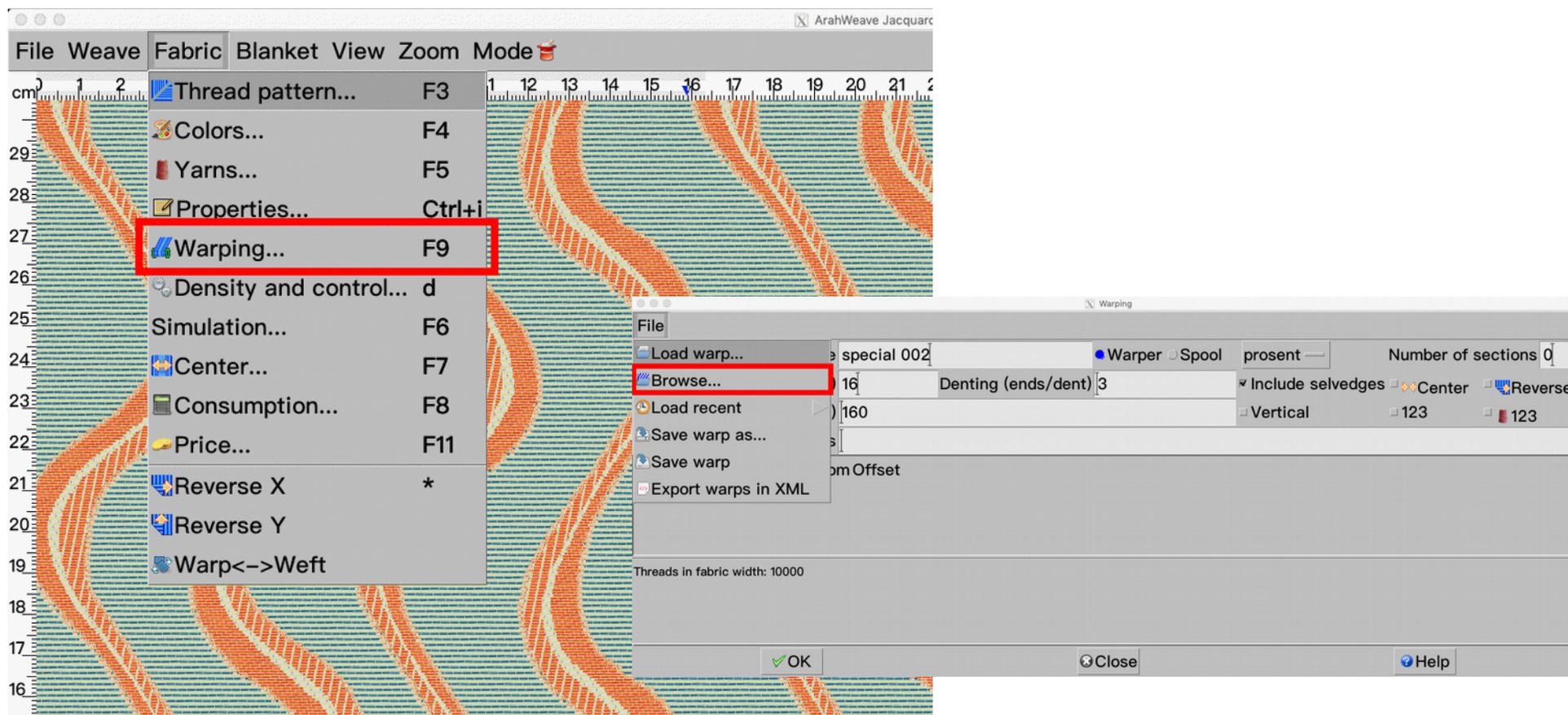
## 5. EASY CHANGE THE WARPING ON FABRIC SIMULATION

### WHAT DOES IT DO?

You can apply the warping from another fabric to a currently loaded fabric in ArahWeave.

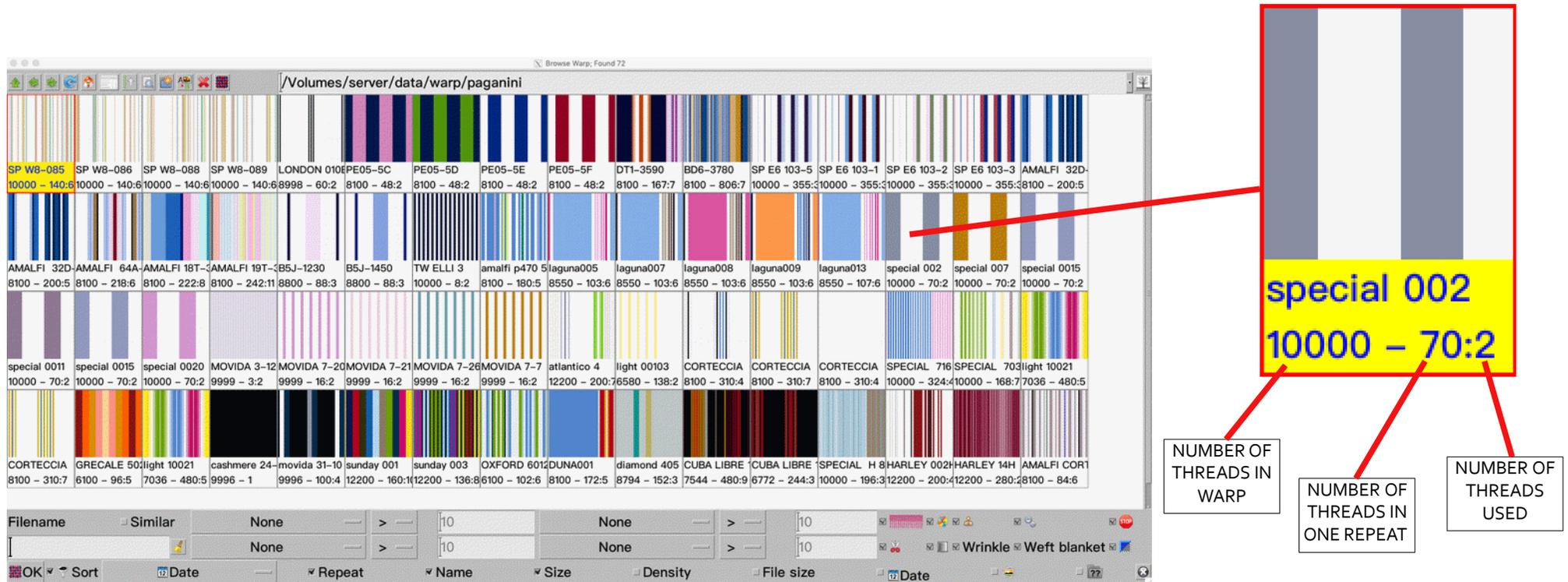
### WHERE?

Go to **Fabric > Warping**, in Warping window open **File > Browse**.



### HOW TO USE IT?

First save the warping of a fabric simulation you want to use: Load the fabric simulation in ArahWeave and go to **File > Warping, Save as...** and store it under **data/warp**. After the warp is saved, its icon, warp thread number, number of threads in one repeat and number of threads used, will be displayed in Warp browser below the icon:



The screenshot shows the Warp browser interface with a grid of fabric simulation icons. The top row of icons includes 'SP W8-085' through 'AMALFI 32D'. The icon 'special 002' is highlighted with a red box and contains the text 'special 002' and '10000 - 70:2'. Three callout boxes point to parts of this icon: 'NUMBER OF THREADS IN WARP' points to the '10000', 'NUMBER OF THREADS IN ONE REPEAT' points to the '70', and 'NUMBER OF THREADS USED' points to the ':2'. The interface also shows a search bar, a list of files, and various filters and sorting options.

Double click on the warp icon to load it on the fabric simulation currently loaded in ArahWeave. The fabric warp technical data will change according to the loaded warping:

The screenshot shows the ArahWeave software interface. The main window displays a fabric simulation with a wavy orange and blue pattern. A dialog box titled "Calculation of thread consumption" is open, showing various technical parameters and tables.

**Calculation of thread consumption dialog box:**

- Threads in fabric width: 10000
- Warp length (m): 58
- Reed number (Dents/1 cm): 19.6
- Denting (ends/dent): 3
- Selvage denting: [empty]
- Selvage dents: [empty]
- Weft density (threads/1 cm): 44
- Take-up (%): 2.5
- Reed width (cm): 170
- Raw width (cm): 160
- Finished width (cm): 155
- Selvage pattern: [empty]
- Waste warp (%): 8 m: 0
- Waste weft (%): 8 cm: 0
- Weaving shrinkage (%): 0
- Finishing shrinkage (%): 0
- Finishing weight change (%): 0

**Density from technical data table:**

Raw length	56.55 m	Warp	special 002
Fabric length	56.55 m	CAM filename	800610
Density Warp (Finished)	64.49 / 1 cm	Reed number	Reed width
Density Weft (Loom)	44 / 1 cm	19.6 / 1 cm	170.00 cm
Density Weft (Raw)	58.67 / 1 cm		3 3332
Weft Total	4		
Ground	3		
Regulator	1		

**Consumption table:**

Repeat	Weave	Design	Denting	Weave	Total	Total
	1201544	St 109	Regulator	Design	Raw	Finished
Warp	1200	70	3	8400	8400	130.25 cm
Weft	640	640	4	640	640	10.91 cm
		10.91 cm	3 advances	10.91 cm	10.91 cm	

**Thread consumption table:**

Weft	Repeat threads	Ground	Regulator	Count	Code	Color
a	320	320	0	1/450 Nm	20/6	000999
b	160	0	160	2/27 Nm		
c	80	80	0	1/118 Nm		000725
d	80	80	0	2/27 Nm		
Total	640	480	160			

The bottom-left window shows the "Edit warp and weft pattern" dialog with the following settings:

- Warp pattern: asymmetrical
- Warp beam: 1
- Warp pattern code: 40A30B
- Weft pattern: asymmetrical
- Double weft insertion: [checked]
- Weft pattern code: 80(1a 1c 1a 1b 1a 1d 1a 1b)

## 6. INSERT WEFT AND WARP WASTE AS FIXED LENGTH

### WHAT DOES IT DO?

You can insert fixed length for warp and weft waste, instead of percentage, if you like.

### WHERE?

Go to **Fabric > Consumption, Waste warp** and **Waste weft**.

### HOWTO USE IT?

In the second column insert the **Waste warp** in meters and **Waste weft** in centimeters.

Calculation of thread consumption

Threads in fabric width	2400	Reed width (cm)	177.78
Warp length (m)	90	Raw width (cm)	165
Reed number (Dents/1 cm)	4.5	Finished width (cm)	150
Denting (ends/dent)	3	Selvage pattern	
Selvage denting		Waste warp (%)	8
Selvage dents		Waste weft (%)	8
Weft density (threads/1 cm)	12	Weaving shrinkage (%)	0
Take-up (%)	2.5	Finishing shrinkage (%)	2.5
		Finishing weight change (%)	0

Waste warp (m) **4.6**  
Waste weft (cm) **3.2**

▼ Density from technical data

Raw length	87.75 m	Reed number	4.5 / 1 cm	Reed width	177.78 cm	Denting	3	Dents	800
Fabric length	85.61 m								
Density Warp (Finished)	16 / 1 cm								
Density Weft (Loom)	12 / 1 cm	Repeat	20555 st. 216	Design		Denting	3	Weave	200
Density Weft (Finished)	12.3 / 1 cm	Warp	20	Design	200	Regulator	1 Dents	Weave	200
Consumption	139.18 kg	10 Shafts	12.50 cm	1 Dents	12.50 cm	1 Dents	12.50 cm	Total Raw	600
Raw weight	1459.2 g/m	Weft	20	200	1	200	200	Total Finished	37.50 cm
	884.4 g/m <sup>2</sup>			16.26 cm	1 advances	16.26 cm	16.67 cm		
Finished weight	1495.7 g/m	Weft	Repeat threads	Count	Code	Color			
	997.1 g/m <sup>2</sup>	a	48	1/22 Nm	SOFT2				
		b	12	2/1.95 Nm		19-1220 Cappuccino			
		c	80	2/28 Nm					
		d	16	2/1.95 Nm					
		e	4	2/1.95 Nm		19-0809 Chocolate Chip			
		f	32	2/28 Nm		Nero			
		g	8	2/1.95 Nm		Nero			
		Total	200						

## 7. IMPORTYARN PARAMETERS FROM THE ERP

### WHAT DOES IT DO?

ArahWeave can import yarn, yarn colors and yarn availability from the ERP.

### WHERE AND HOW TO USE IT?

Insert the yarn xml file in **data/xml** directory. Set the **Expert** mode. Save the default directory in the software, import the xml file, in Yarn editor windows go to **File> Browse yarns**.

The screenshot displays the ArahWeave software interface. The main window is titled 'ArahWeave JacquardPro 9.0c: /Volumes/server/data/fabric/'. It features a menu bar (File, Weave, Fabric, Blanket, View, Zoom, Mode) and a toolbar. The central area is a table listing yarn parameters:

Code	Count	-ply	Twists	Composition	Name	Code	Name	kg	Price
6060	16/2 NeC		2200 S	VI 100%	VI 16/2 FIOCCO GG	001046	VIOLA GMG	0.00	0.00
6061	16/2 NeC		2200 S	VI 100%	VI 16/2 FIOCCO TINTO	001047	SUSINA GMG	0.00	0.00
6071	2/9 Nm		2200 S	VI 67% LI 33%	VISC/LINO 2/9000 GG	001048	MELANZANA GMG	0.00	0.00
6072	2/9 Nm		2200 S	VI 67% LI 33%	VISC/LINO 2/9000 TINTO	001049	GLICINE GMG	0.00	0.00
6073	2/9 Nm		2200 S	VI 67% LI 33%	VISC/LINO 2/9000 STAMPATO	001050	FUXIA GMG	0.00	0.00
6074	4/9 Nm		4200 S	VI 67% LI 33%	VISC/LINO 2X2/9000 STAMPATO	001051	DALIA GMG	0.00	0.00
6076	30/1 NeC		160 S	VI 100%	VI 30/1 MELANGE TINTO MASSA	001052	ROSA GMG	0.00	0.00
6077	30/1 NeC		160 S	VI 80% EL 20%	VI 30/1 ELAS MELANGE TIN MASSA	001053	CHICCO GMG	0.00	0.00
6079	1/24 Nm		160 S	VI 83% PL 11% PA	ART. LINETTI	001054	MATTONE GMG	0.00	0.00
6101	3800/1 Td		11 S	VI 100%	VI RAFIA 3800 DEN GG	001055	ARAGOSTA GMG	0.00	0.00
6102	3800/1 Td		11 S	VI 100%	VI RAFIA 3800 DEN TINTA	001056	ARANCIO GMG	0.00	0.00
6103	3800/1 Td		11 S	VI 100%	VI RAFIA 3800 DEN STAMPATA	001057	RUGGINE GMG	0.00	0.00
6104	1100/1 Td		11 S	VI 100%	VI RAFIA 1100 DEN GG	001058	ROSA ANTICO GMG	0.00	0.00
6105	1100/1 Td		11 S	VI 100%	VI RAFIA 1100 DEN TINTA	001059	ORO VECCHIO GMG	0.00	0.00
6106	1100/1 Td		11 S	VI 100%	VI RAFIA 1100 DEN STAMPATA	001060	GIALLO GMG	0.00	0.00
6107	2/7 Nm		2200 S	VI 100%	VI 2/7000 DOVER GG	001061	PAGLIA GMG	0.00	0.00
6108	2/7 Nm		2200 S	VI 100%	VI 2/7000 DOVER TINTO	001062	PRUGNA GMG	0.00	0.00
6109	12/3 NeC		3200 S	VI 100%	VI 12/3 FIOCCO GG	001063	CARDINALE GMG	0.00	0.00
7000	2/10.5 Nm		2100 S	WO 20% PL 25%	TRIBLEN nm 2/10500 COLORATO	001064	MOSTO GMG	0.00	0.00
7001	1/10.5 Nm		160 S	WO 20% PL 25%	TRIBLEN nm 10500	001065	BORDEAUX GMG	0.00	0.00
7002	1/10.5 Nm		160 S	WO 25% PL 20%	TRIBLEN PALLINATO nm 10500	001066	CILIEGIA GMG	0.00	0.00
7004	1/5 Nm		160 S	WO 35% PL 25%	CHIANTI - BIC BOC nm 5000	001067	ROSSO GMG	0.00	0.00

Below the table is a 'Filter' section with fields for Code, Name, and Season, and buttons for OK, Close, and Help. To the right, there is a 'Yarns' panel with a color palette (A-Z), 'Luster 10', 'Correlation 0', and 'Transparency 0' settings. A 'Draw yarn...' button is also present. The bottom right shows a detailed view of a selected yarn: 'A: 1/10.5 Nm, 1.084, 7001 TRIBLEN, 001051, 60 S, 20% WC, Wool, 25% PL, Polyeste, 50% PC'. The background of the software shows a fabric design with a repeating pattern of stylized 'G' characters in pink and yellow on a light background.

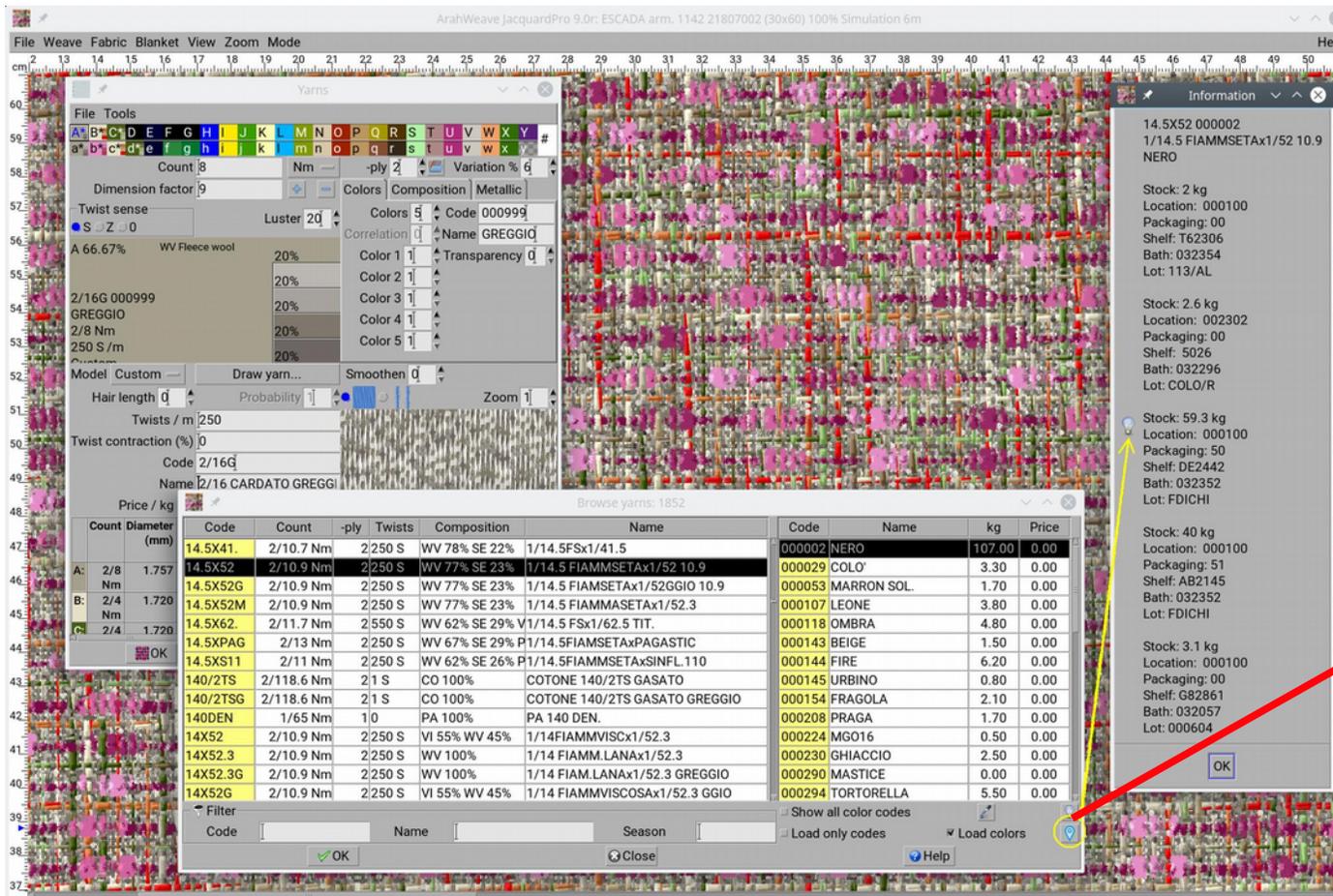
## 8. IMPORT YARN STOCK LOCATION BY XML IMPORT

### WHAT DOES IT DO?

Software shows you the location of the yarn stock.

### WHERE AND HOW TO USE IT?

Insert the yarn xml file in **data/xml** directory. Go to **Fabric > Yarn > Browse yarn**. Select the yarn and click on the **Location** icon  to show the location of the yarn stock.



The screenshot shows the 'Browse yarns' dialog box in the ArahWeave software. The dialog has a table with the following columns: Code, Name, kg, and Price. The table lists various yarns, including '14.5X41', '14.5X52', '14.5X52G', '14.5X52M', '14.5X62', '14.5XPAG', '14.5XS11', '140/2TS', '140/2TSG', '140DEN', '14X52', '14X52.3', '14X52.3G', and '14X52G'. A red arrow points from a location pin icon in the bottom right corner of the dialog to a callout box that says 'CLICK ON THE LOCATION ICON'. The background shows a fabric simulation with a color palette and various settings.

Code	Name	kg	Price
000002	NERO	107.00	0.00
000029	COLO'	3.30	0.00
000053	MARRON SOL.	1.70	0.00
000107	LEONE	3.80	0.00
000118	OMBRA	4.80	0.00
000143	BEIGE	1.50	0.00
000144	FIRE	6.20	0.00
000145	URBINO	0.80	0.00
000154	FRAGOLA	2.10	0.00
000208	PRAGA	1.70	0.00
000224	MG016	0.50	0.00
000230	GHIACCIO	2.50	0.00
000290	MASTICE	0.00	0.00
000294	TORTORELLA	5.50	0.00

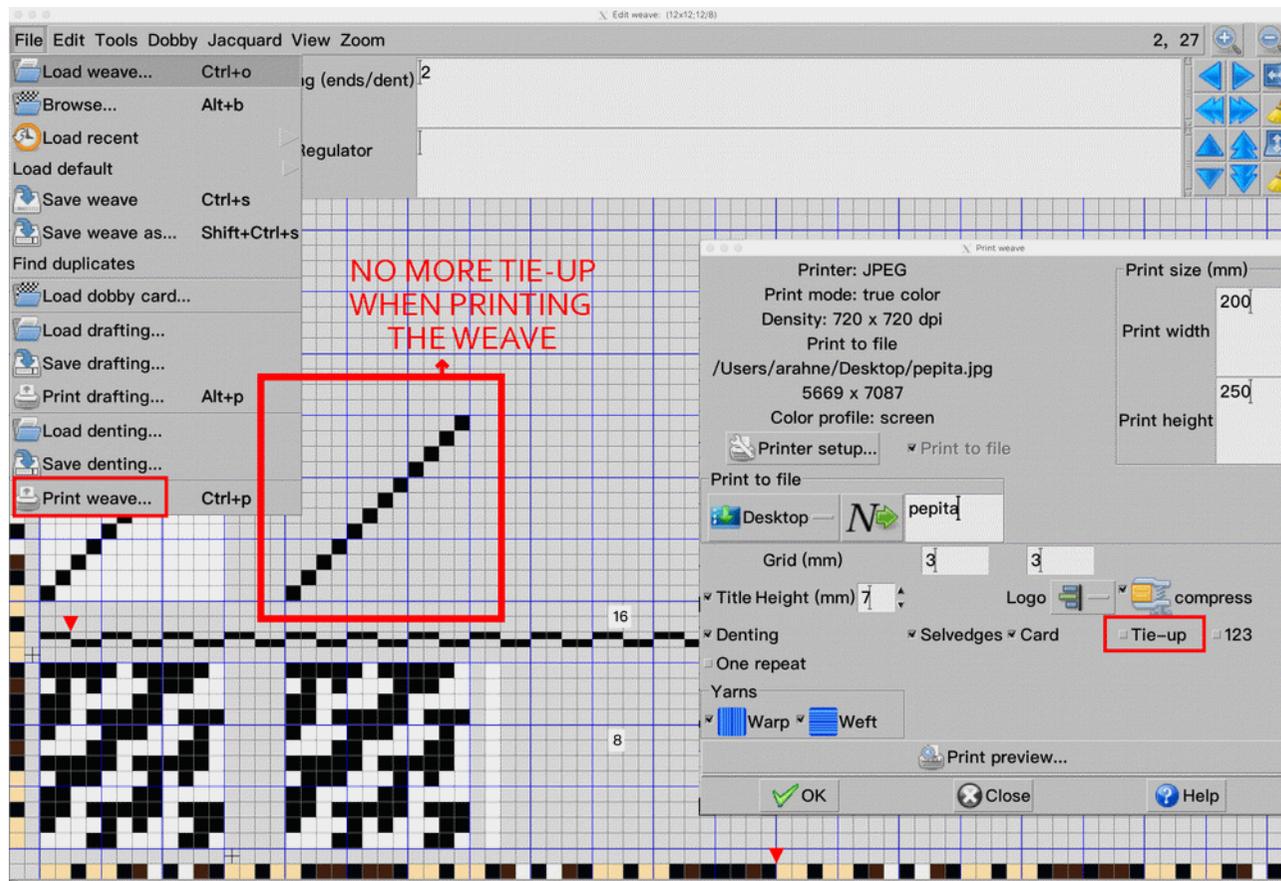
## 9.DISABLE TIE-UP PRINTING

### WHAT DOES IT DO?

When printing the weave, tie-up can be disabled, so that in production they do not confuse it with drafting.

### WHERE AND HOW TO USE IT?

In **Weave editor** go to **File > Print weave** and uncheck **Tie-up**.



## 10. SUPERIMPOSE WEAVE

### *WHAT DOES IT DO?*

You can create interesting weaves by superimposing one weave or several weaves on top of the other.

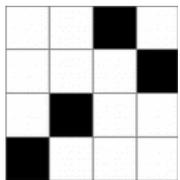
### *WHERE?*

In **Weave editor** window, go to **File > Superimpose weave**.

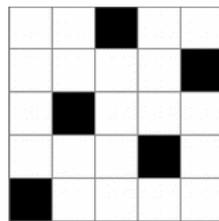
### *HOW TO USE IT?*

In Weave editor window insert or draw a weave and then open **Superimpose weave** and load another weave to superimpose it on the existing weave. You can superimpose as many weaves as you want. In the end the weave will be enlarged by multiplying the size of weave in weave editor window with the size of the superimposed weave.

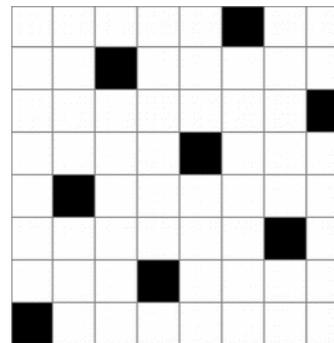
For example, we will make a weave from the three weaves below and in the end we will get an interesting weave of size 40x40.



WEAVE 1 (4x4)



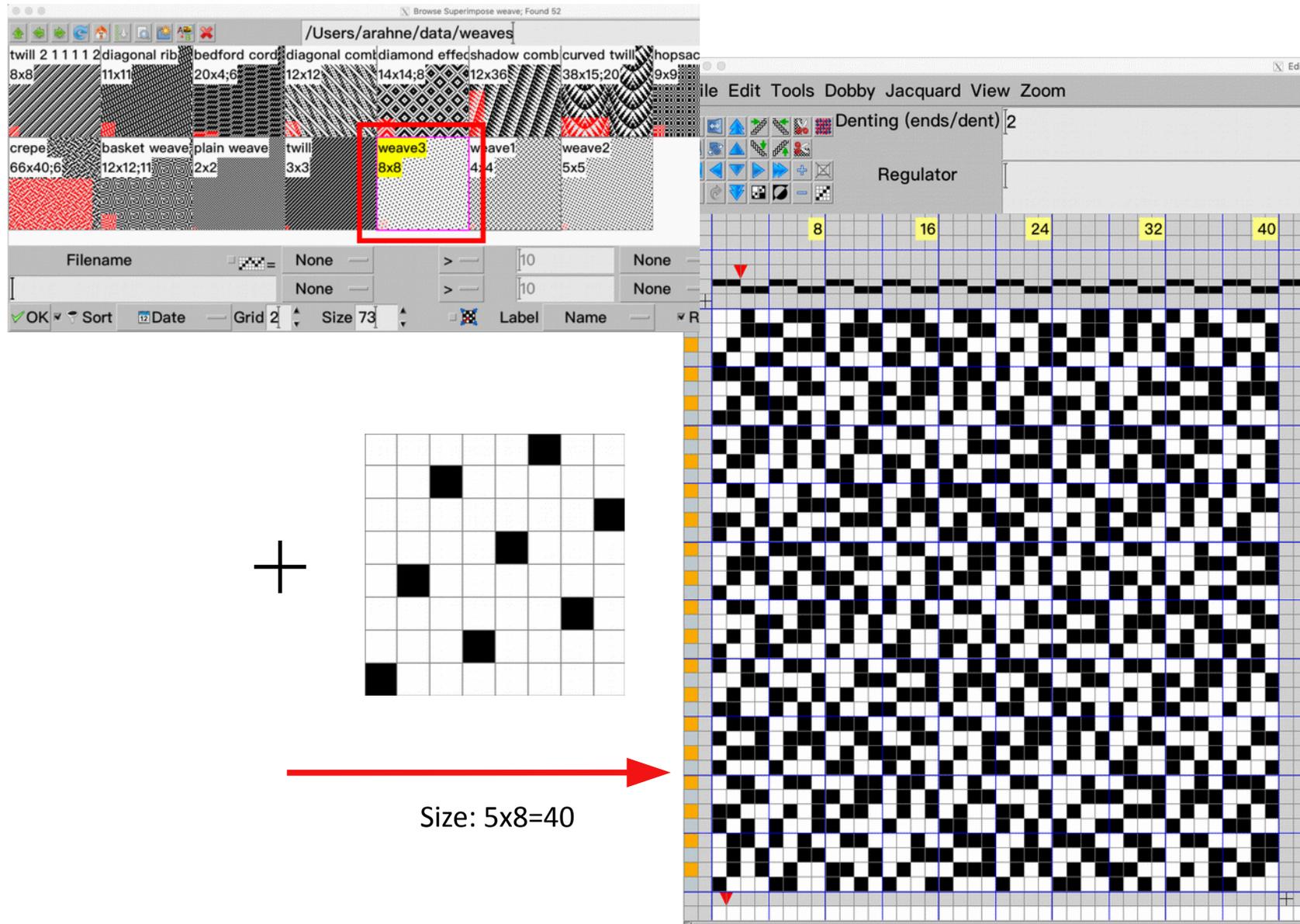
WEAVE 2 (5x5)



WEAVE 3 (8x8)

The image shows a multi-step process in the Arahne software interface:

- File Browser:** A window titled "/Users/arahne/data/weaves" displays a grid of various weave patterns. One pattern, labeled "weave2" with a size of "5x5", is highlighted with a red box.
- Main Editor:** The main window has a menu with "Superimpose weave..." highlighted in red. The interface includes a "Denting (ends/dent)" field set to 2 and a "Regulator" section.
- Grids:** A small 4x5 grid with a plus sign (+) is shown, with the text "Size: 4x5=20" below it. A red arrow points from this grid to a larger 20x20 grid. The larger grid shows a complex woven pattern with black and white squares. The rows are labeled 'a' and 'b' on the left, and 'A' on the bottom. A red arrow points from the right side of the 20x20 grid.



The screenshot shows the Arahne software interface. At the top, a window titled "/Users/arahne/data/weaves" displays a grid of various weave patterns. One pattern, labeled "weave3" with a size of "8x8", is highlighted with a red box. Below this grid is a control panel with fields for "Filename", "None", "10", "None", "None", "10", "None", "OK", "Sort", "Date", "Grid 2", "Size 73", "Label", "Name", and "R". To the right, another window titled "Regulator" shows a grid with columns labeled 8, 16, 24, 32, and 40. Below the software interface, a diagram illustrates the process of superimposing weaves. It shows a 5x8 grid of black squares on a white background, followed by a plus sign, and then a larger 40x40 grid of black and white squares. A red arrow points from the 5x8 grid to the larger grid, with the text "Size: 5x8=40" below it.

## 11. POLISH AND FINNISH TRANSLATION OF QUICK START INSTRUCTIONS

Dobby and Jacquard Quick Start Instructions are now translated into Polish and Finnish language.

### POLISH



ArahWeave® Dobby — Wprowadzenie



Quick Dobby



ArahWeave® Żakard — Wprowadzenie



Quick Jacquard

### FINNISH



ArahWeave® Dobby Pika-ohje



Quick Dobby



ArahWeave® Jacquard Pika-ohje



Quick Jacquard

## 12. TRANSLATION OF MANUAL INTO SIMPLIFIED AND TRADITIONAL CHINESE

ArahWeave manual is translated into Simplified and Traditional Chinese. Simplified Chinese is used in mainland China, whereas Traditional Chinese is used in Taiwan, Hong Kong and Macao.

SIMPLIFIED CHINESE



TRADITIONAL CHINESE



### 13. CUT AND PASTE OF VERTICAL WARP/WEFTS PATTERN

#### WHAT DOES IT DO?

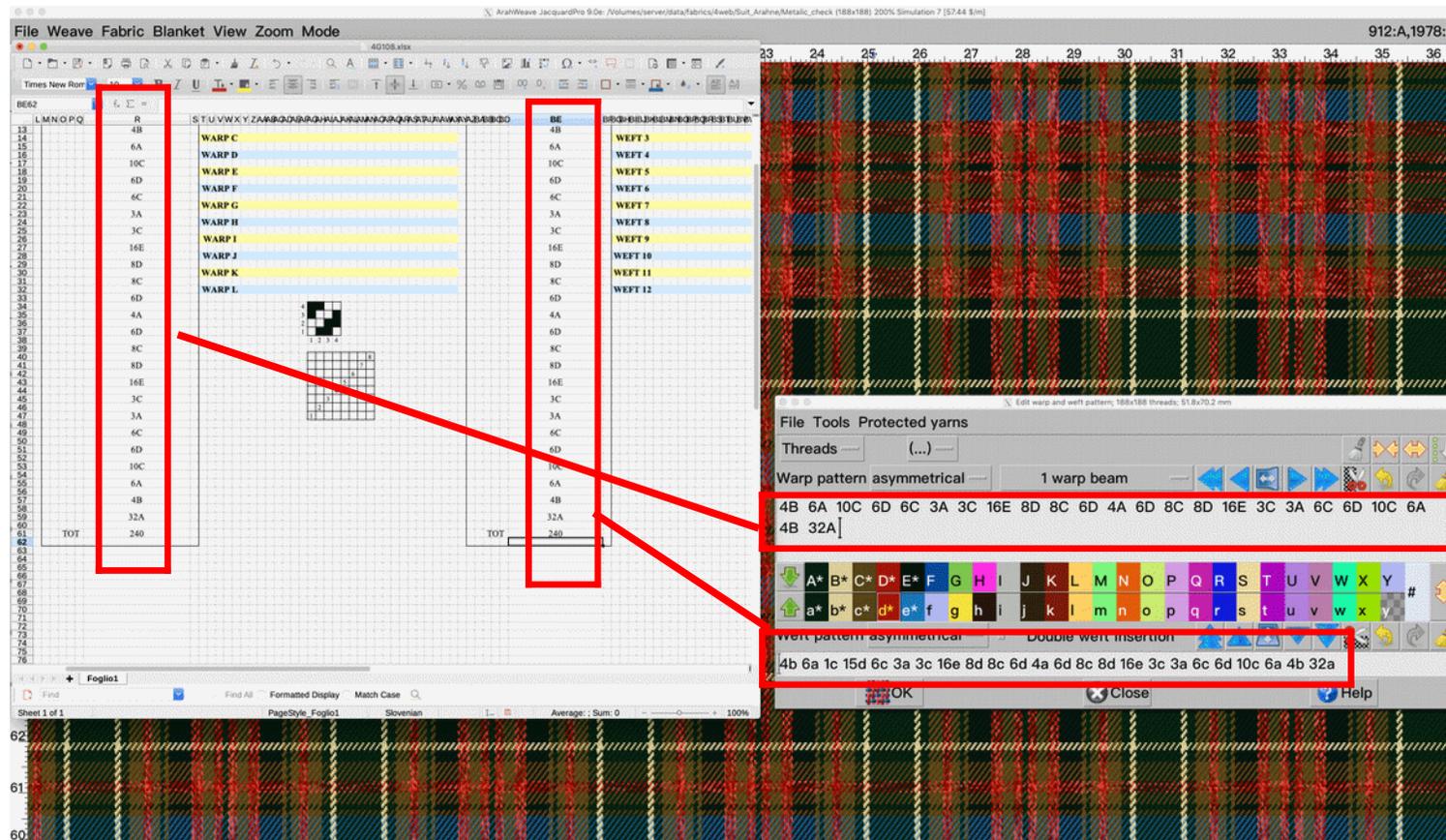
Copy and paste the vertical warp/weft pattern from spreadsheet.

#### WHERE?

Go to **Fabric > Thread Pattern**.

#### HOW TO USE IT?

Select and copy (**CTRL+C**) the warp/weft pattern from the spreadsheet and paste it with **CTRL + V** into the **Thread pattern window**.



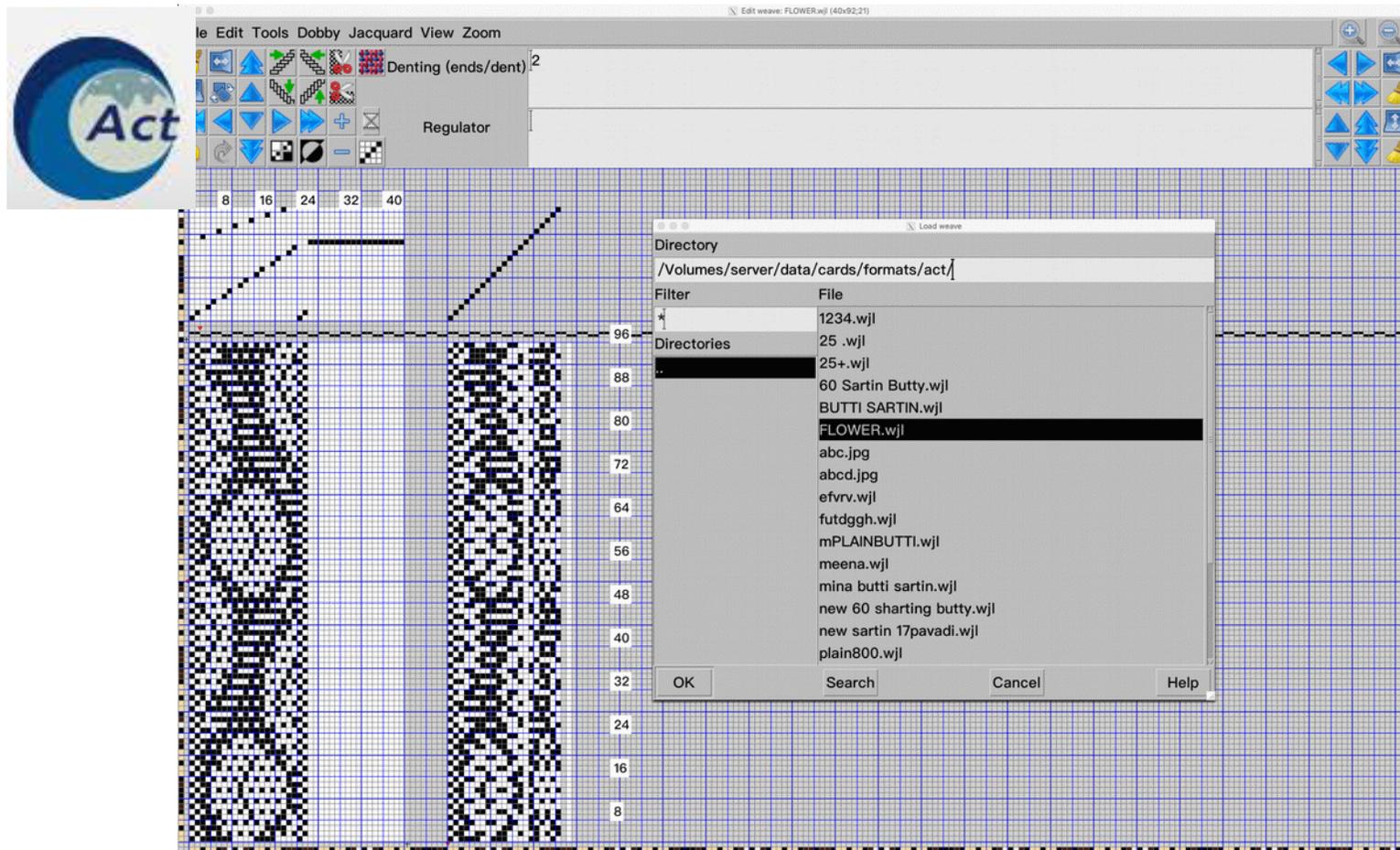
## 14. READING/WRITING OF ACT .WJL DOBBY FILES

### WHAT DOES IT DO?

ArahWeave reads/writes Act (Action mechanical&electrical technology Co. Ltd.) .WJL dobby files.

### HOW TO USE IT?

In weave editor go to **File > Load dobby cards**, search for the .WJL extension file and load it.



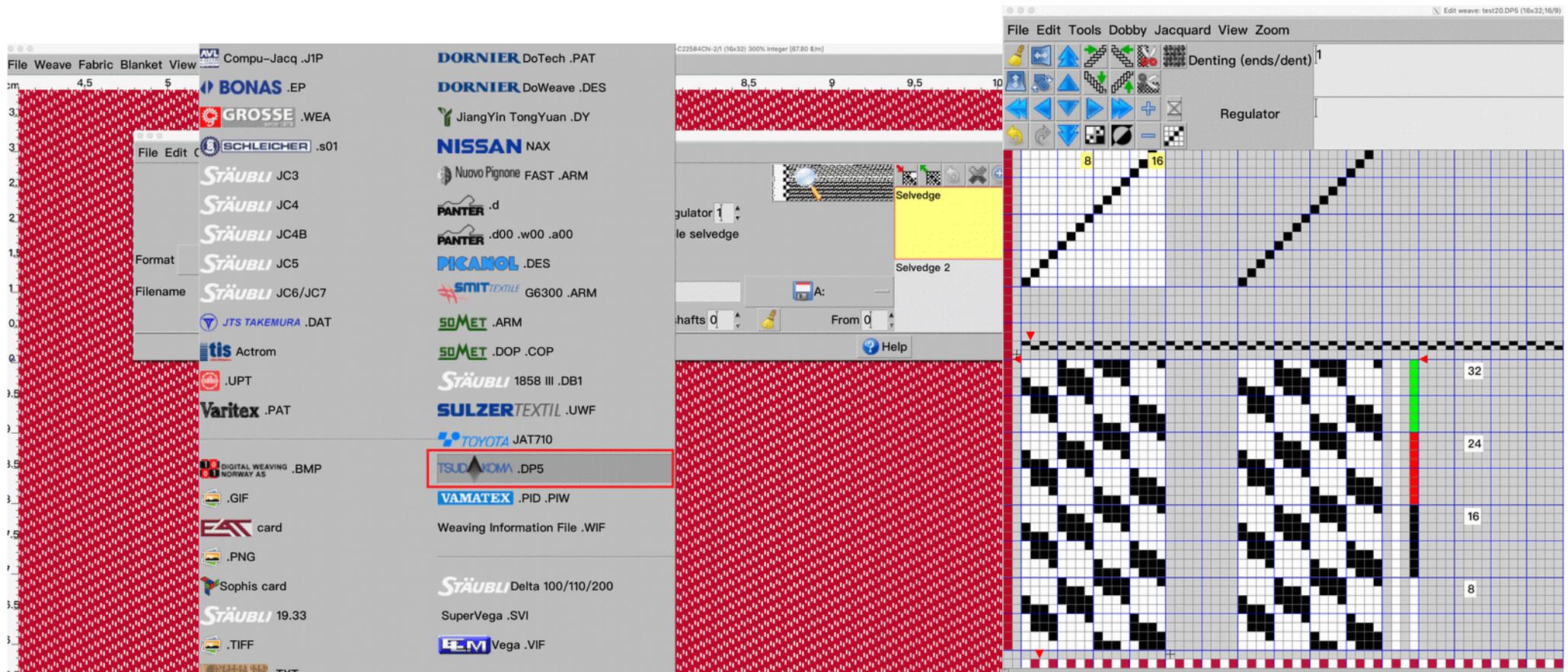
## 15. SUPPORT FOR TSUDAKOMA DOBBY LOOM

### WHAT DOES IT DO?

ArahWeave supports reading and writing Tsudakoma .DP5 loom format, so you can save the fabric designed in ArahWeave in Tsudakoma .DP5 format and load it onto Tsudakoma loom to weave it.

### WHERE AND HOW TO USE IT?

Go to **Weave > Save cards for production**, select **Format: Tsudakoma .DP5**.



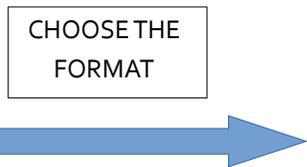
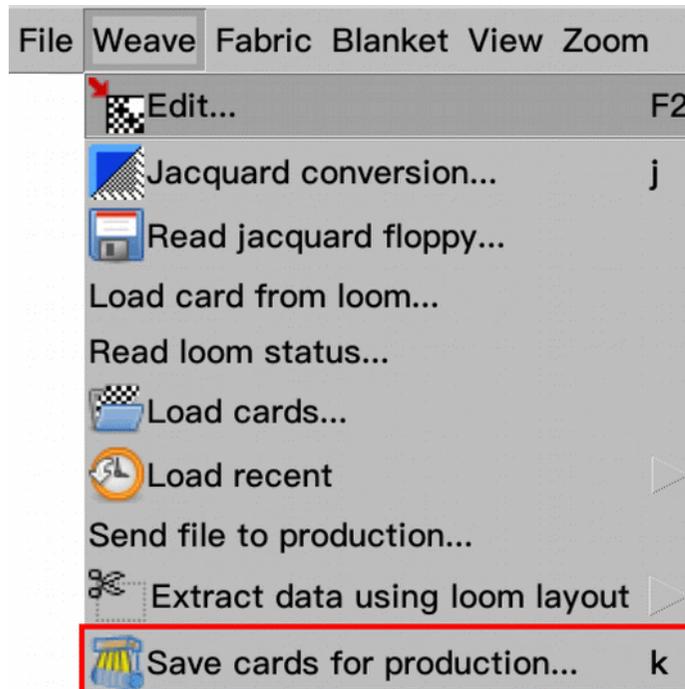
## 16. STÄUBLI DELTA DRAWING-IN MACHINE SUPPORTED

### WHAT DOES IT DO?

ArahWeave supports Stäubli Delta 100/110/200 drawing-in machine.

### WHERE AND HOW TO USE IT?

Go to **Weave** > **Save cards for production** and select format **Stäubli Delta**. Set the parameters and save the file.



### SET THE PARAMETERS AND SAVE THE FILE

The screenshot shows a software window titled "Save cards for production" with a menu bar containing "File Edit Change Choose". The interface is divided into several sections:

- Warp 1 and Warp 2:** Each section contains "Yarn frame advance (mm)" (set to 1), "Lease" (set to 0), "Needle type" (empty), and "Drop wire repeat" (empty).
- Heddle type:** Set to "Simplex".
- Delta:** Radio buttons for 100 (selected), 110, and 200.
- Maximum speed:** Set to 150.
- Notes:** A text area for notes.
- Drop wire rows:** Set to 1.
- Staubli Delta filename:** Set to 0.
- Format:** A dropdown menu showing "STÄUBLI Delta 100/110/200".
- Selvedge shafts last:** A checked checkbox.
- compress:** A button with a floppy disk icon.
- Filename:** "/Users/arahne/Desktop/" with a folder icon.
- test:** A text input field.
- Desktop:** A button with a desktop icon.
- Buttons:** "OK" (with a green checkmark), "Close" (with a red X), and "Help" (with a question mark).

A yellow sticky note titled "Selvedge" is attached to the right side of the window.

## 17. INCREASE VALUE BY 10

### WHAT DOES IT DO?

When increasing or decreasing the value in numeric fields, the value changes by 10 instead of one.

### WHERE?

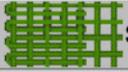
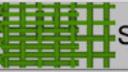
In every numeric field.

### HOW TO USE IT?

In any numeric field use **wheel mouse and CTRL** and the value will increase or decrease by 10.

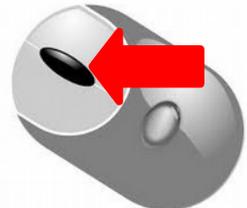


The image shows two screenshots from a software application. The left screenshot shows a table with columns 'Position and element type' and 'Length'. The right screenshot shows a 'Weave dimensions' dialog box with various numeric fields. A large red '+ 10' is overlaid in the center, with red arrows pointing to the 'Repeat' field in the dialog and several 'Length' values in the table. A legend at the bottom right shows a 'Ctrl' key icon and a mouse wheel with a red arrow pointing to the scroll wheel.

Position and element type	Length
0001: <input type="checkbox"/> Empty hook	8
0009:  Weft change	8
0017: <input type="checkbox"/> Empty hook	8
0025:  Selvedge	2
0027: <input type="checkbox"/> Empty hook	46
0073:  Weave	1200
1273: <input type="checkbox"/> Empty hook	6
1279:  Selvedge	2
1281: <input type="checkbox"/> Empty hook	64

**Weave dimensions**

Field	Value
Repeat	30
Grid	9
Thicken	8
System	1
Shafts	21
Warp	92
Weft	9

**Ctrl** + 

## 18. INCREASE SIZES OF FONT AND ICONS

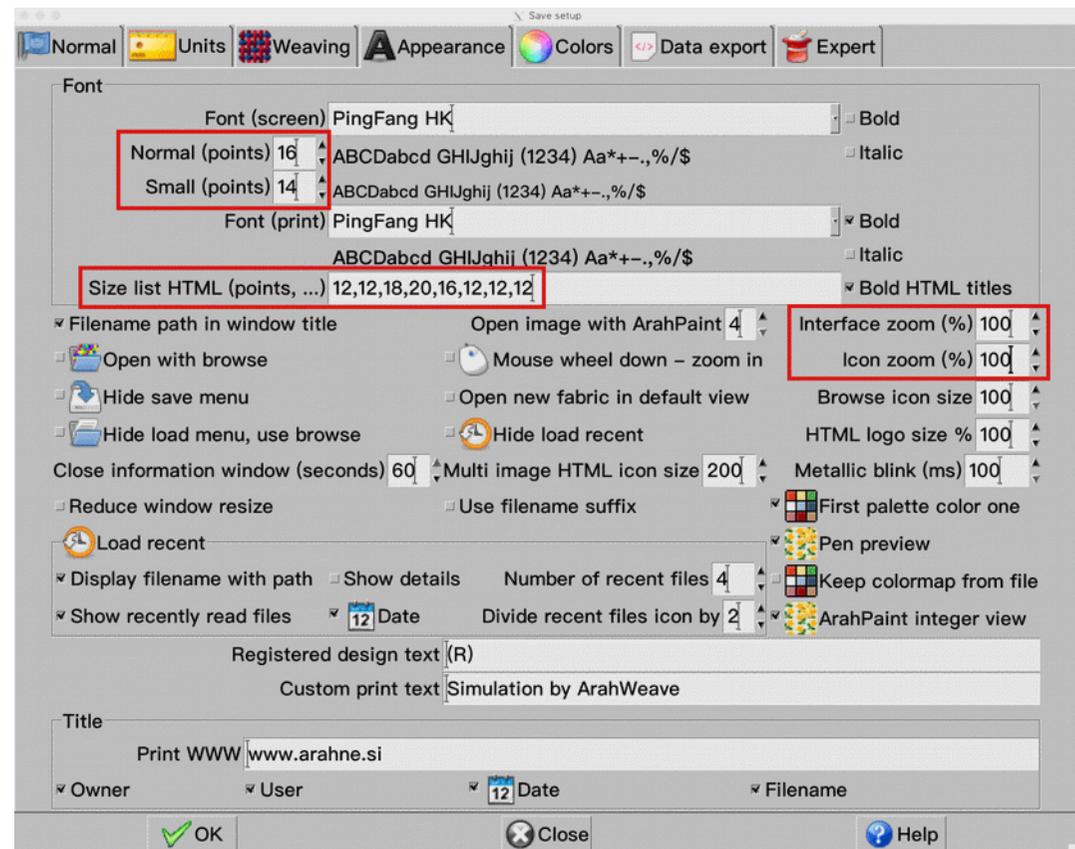
### WHAT DOES IT DO?

Increase the size of screen font, HTML font and icons and interface elements such as ruler, scrollbars, toggle button, etc. Useful when using HIGH – Dpi monitors (4K or 5K), where icons appear very small.

### WHERE AND HOW TO USE IT?

Go to **Help > Save setup**, click on **Appearance** tab and set:

- Font (screen)
- Size list HTML
- Interface zoom
- Icon zoom



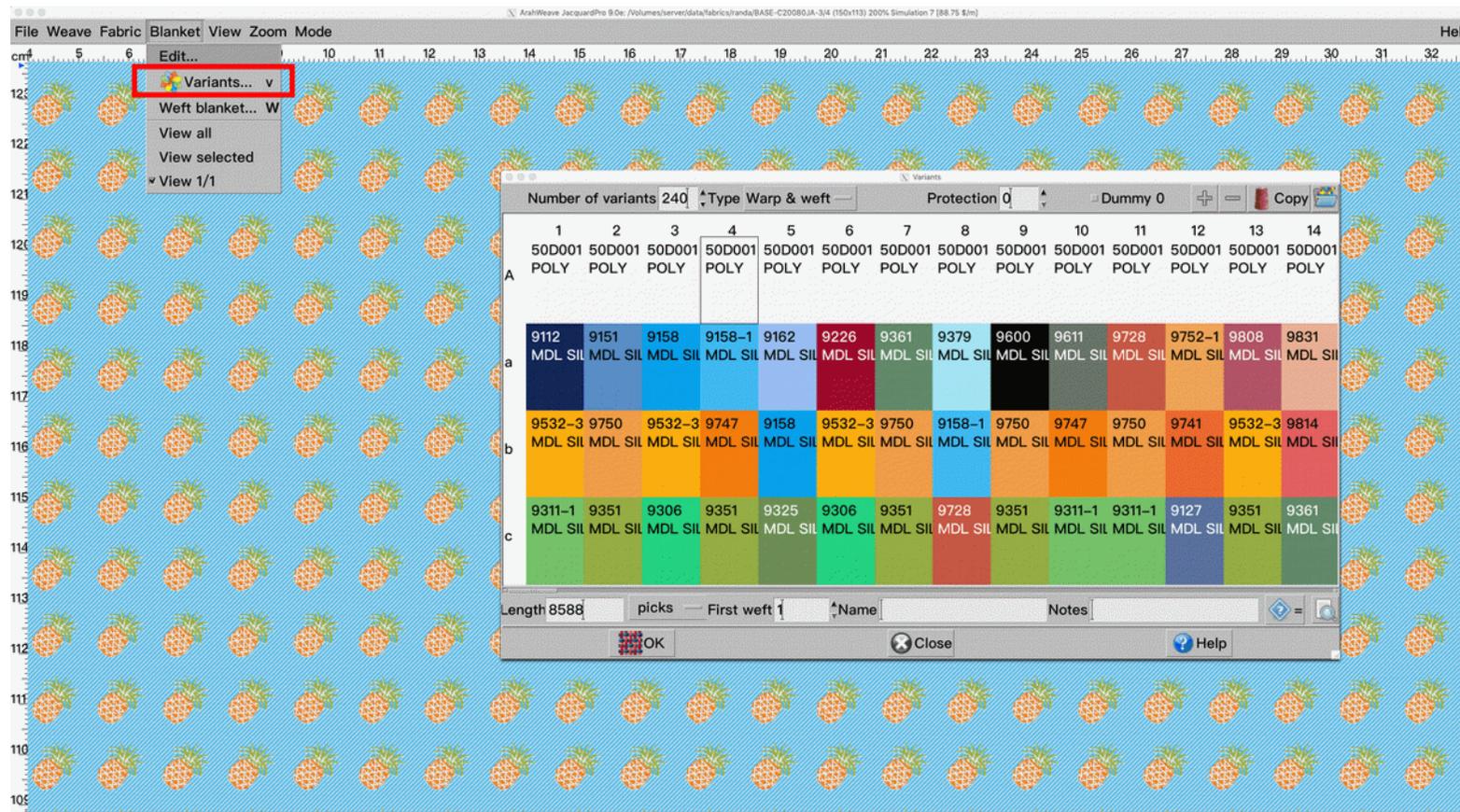
## 19. COPY/PASTE YARN COUNT ON VARIANTS

### WHAT DOES IT DO?

Copy/paste the yarn count from one variant to all of the variants in just one click instead of changing the yarn count on each variant yarn separately.

### WHERE?

Go to **Blanket > Variants**.



**HOW TO USE IT?**

On the variant select the warp or weft, on which you changed the yarn count. Then click copy. The selected weft or warp yarn count will be copied on all the other variants.

1. SELECT THE WARP OR WEFT YARN ON ANY VARIANT

2. CHANGE YARN COUNT

3. CLICK COPY

The screenshot shows the ArahWeave Jacquard software interface. The main window displays a fabric design with a pineapple pattern. Below the design is a variant selection table with 14 columns representing different variants. The first column is highlighted with a red box, and a red arrow points to the 'Copy' button in the top right corner of the variant selection area. Another red arrow points to the 'Count' field in the 'File Tools' panel, which is set to 100. The variant selection table contains the following data:

Variant	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	50D001													
a	9112	9151	9158	9158-1	9162	9226	9361	9379	9600	9611	9728	9752-1	9808	9831
b	9532-3	9750	9532-3	9747	9158	9532-3	9750	9158-1	9750	9747	9750	9741	9532-3	9814
c	9311-1	9351	9306	9351	9325	9306	9351	9728	9351	9311-1	9311-1	9127	9351	9361

The 'File Tools' panel shows the following settings:

- Count: 100
- Dimension factor: 18
- Colors: Composition, Metallic
- Code: 50D001
- Name: POLY 50D001
- Twists / m: 1
- Twist contraction (%): 0
- Code: POLY
- Name: POLY
- Price / kg (\$): 1

## 20. NEW FUNCTIONS IN VARIANTS

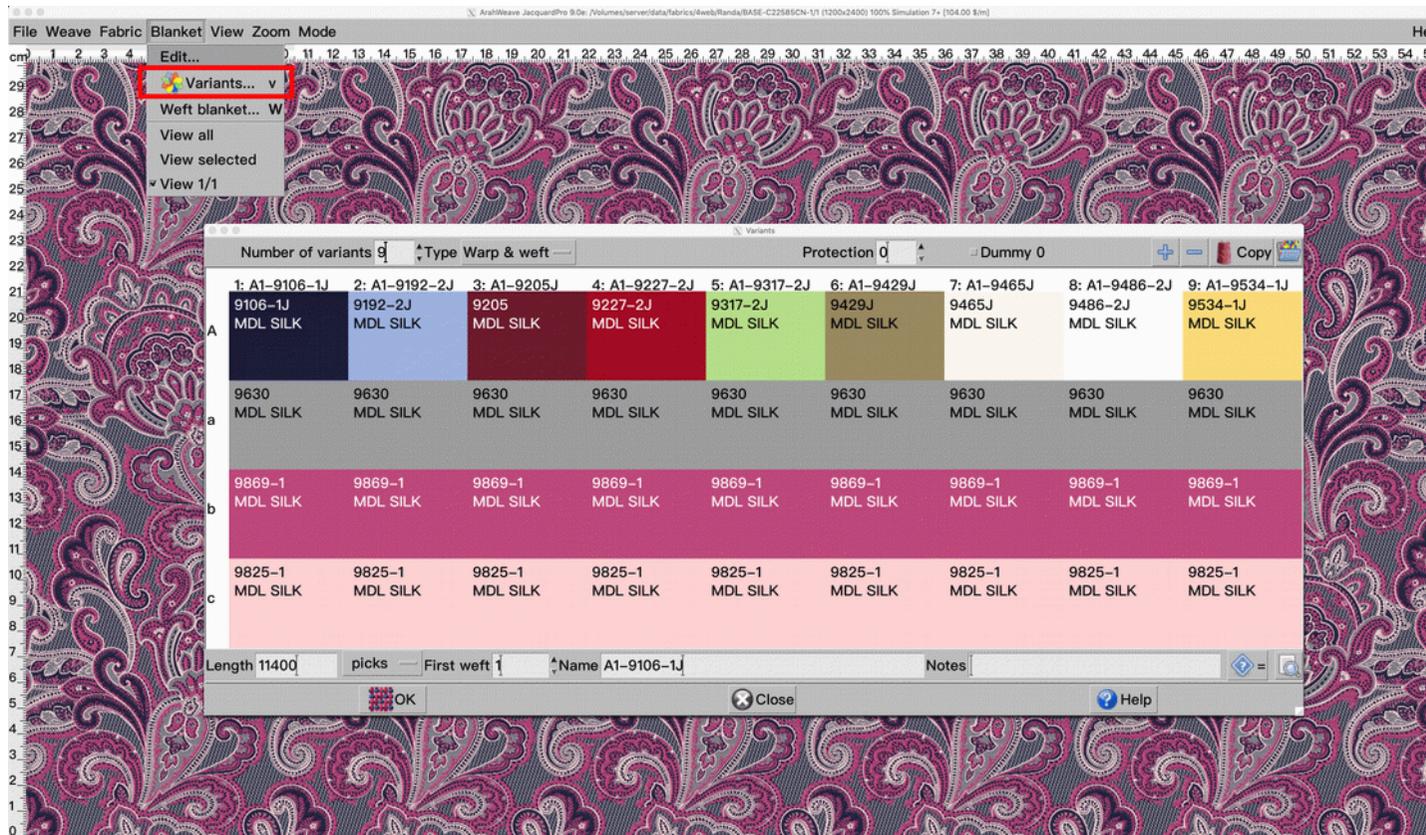
### WHAT DOES IT DO?

**Delete or insert variant:** Use keyboard to delete or insert the variant.

**Search for duplicates:** finds variants that are identical, making sure variants are not duplicated.

### WHERE?

Go to **Blanket > Variants**.





## 21. TOTAL NUMBER OF VARIANTS DISPLAYED IN BROWSER

### WHAT DOES IT DO?

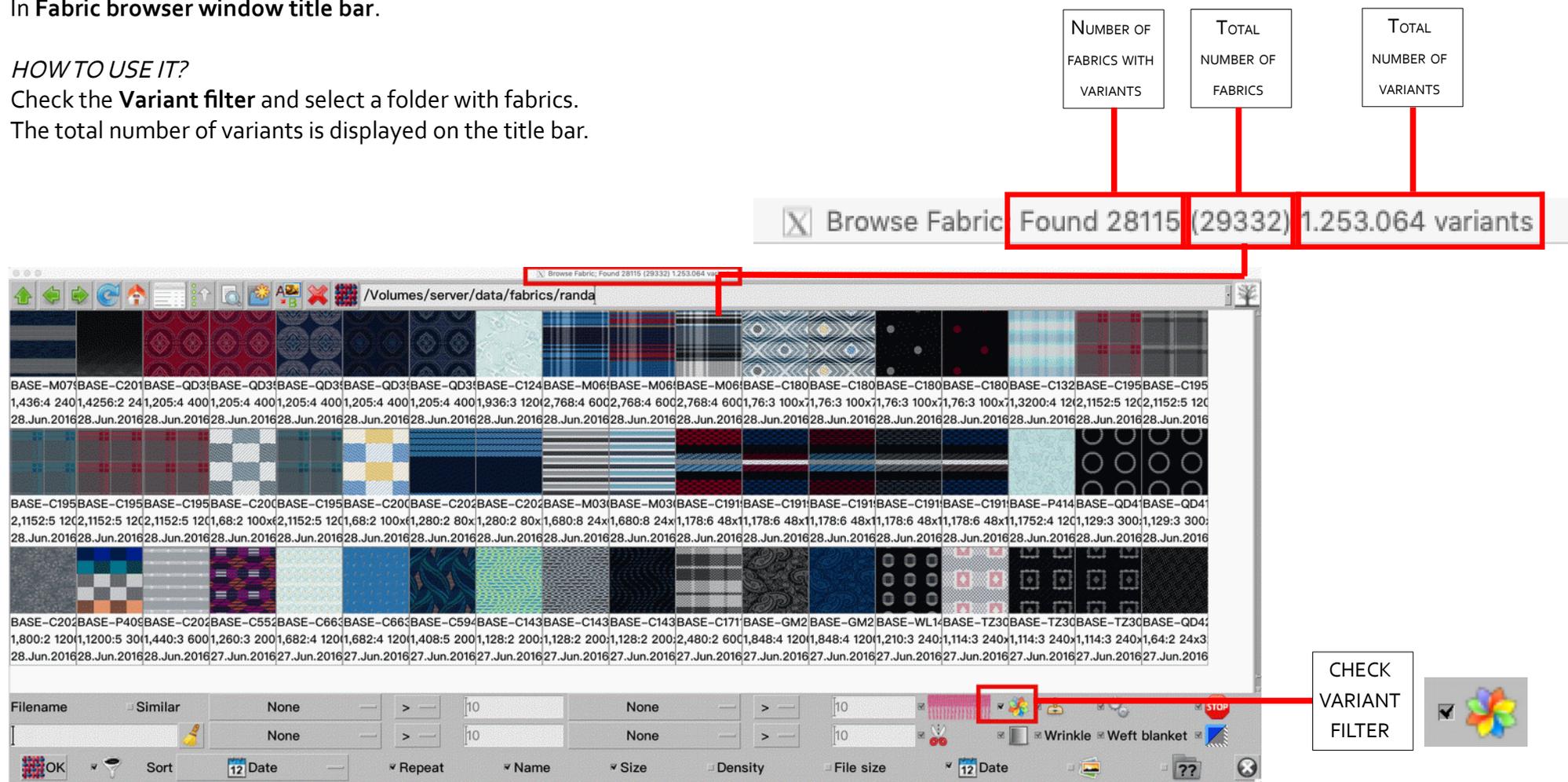
Displays the total number of variants in selected fabric folder.

### WHERE?

In Fabric browser window title bar.

### HOW TO USE IT?

Check the **Variant filter** and select a folder with fabrics.  
The total number of variants is displayed on the title bar.



## 22. LOAD VARIANTS FROM ANOTHER FABRIC

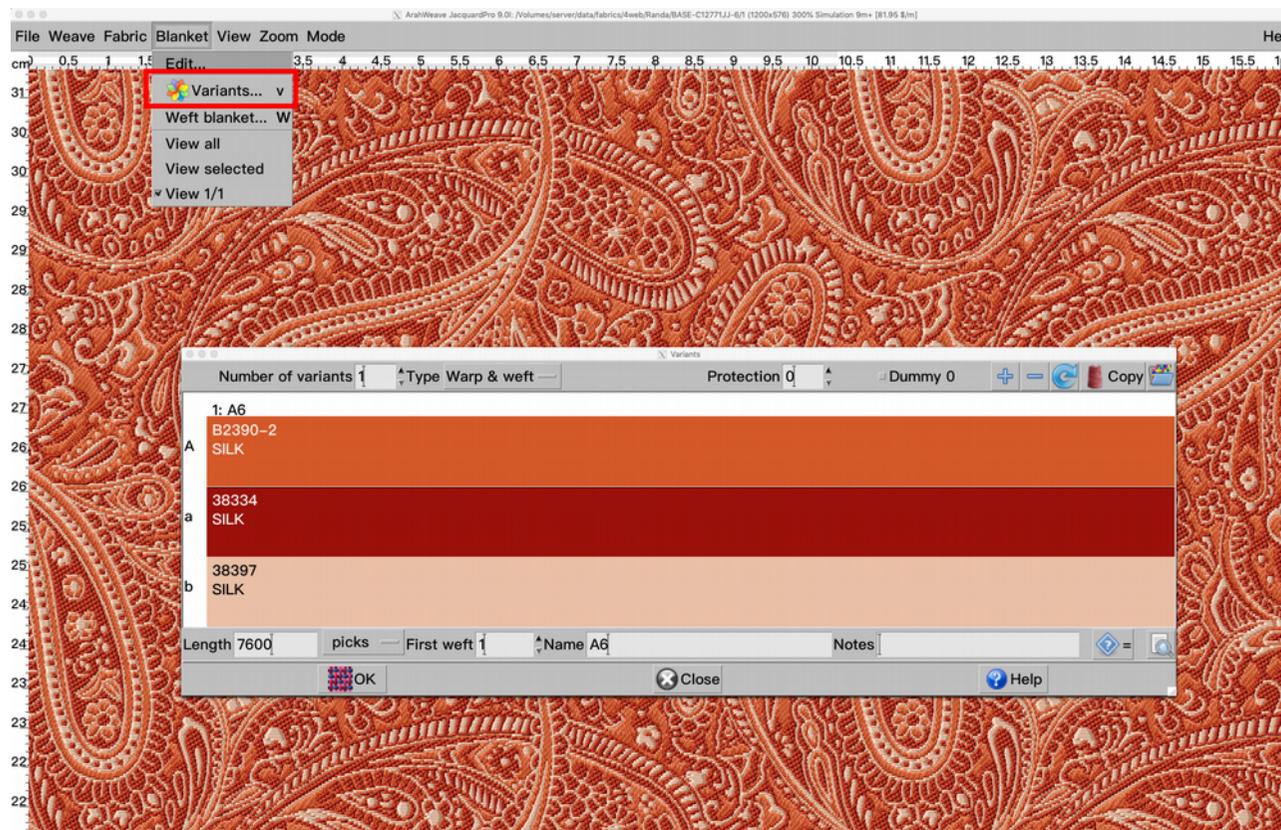
### WHAT DOES IT DO?

When working with variants, you can load already existing variants from another fabric.

### WHERE?

Go to **Blanket > Variants** to open Variants window.

FABRIC A, INTO WHICH WE WANT TO LOAD VARIANTS FROM FABRIC B

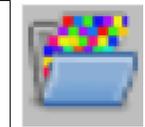


### HOW TO USE IT?

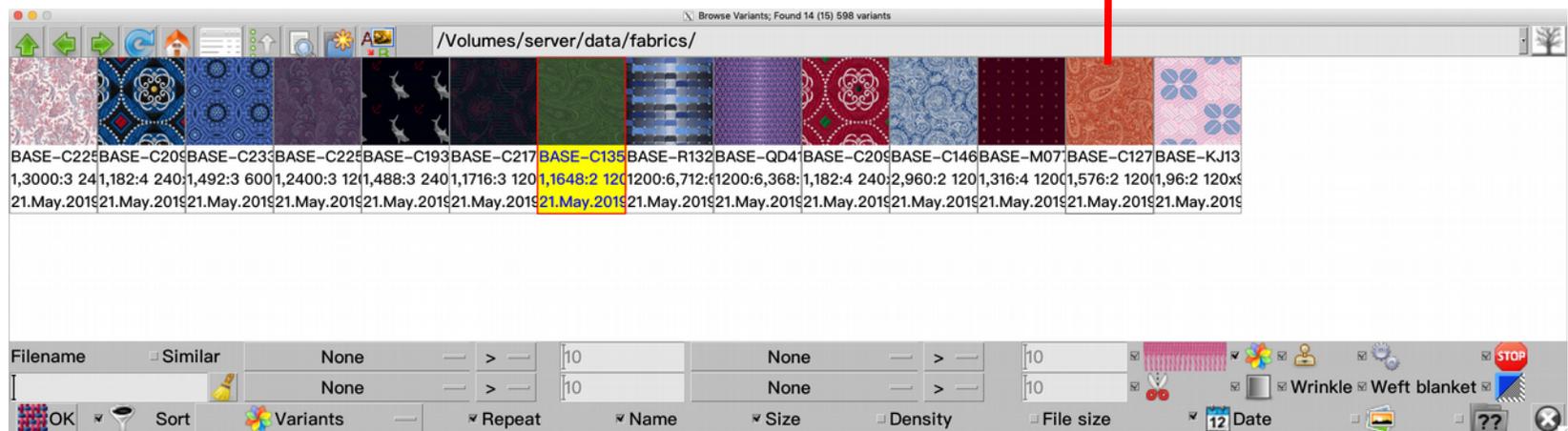
Click on the **Browse** icon and double-click on the fabric, from which you want to load the variants. All of the variants of the selected fabric will be loaded into the fabric currently loaded in ArahWeave.



OPEN  
BROWSER  
WINDOW



DOUBLE CLICK ON THE **FABRIC B**, FROM WHICH YOU WANT TO LOAD THE VARIANTS



VARIANTS FROM FABRIC B ARE LOADED INTO FABRIC A

The screenshot shows the ArahWeave JacquardPro 9.0.0 interface. The main window displays a green and purple paisley fabric design. A 'Variants' dialog box is open, showing a table of 12 variants. The table has columns for variant numbers (1-12) and their corresponding specifications (e.g., 512-3 SILK). The variants are organized into three rows: Row A (variants 1-12), Row a (variants 38403-2 to 38213), and Row b (variants 38491 to 38202). The dialog box also includes fields for 'Length 7600', 'picks', 'First weft 1', and 'Name A16'. Buttons for 'OK', 'Close', and 'Help' are visible at the bottom of the dialog.

Number of variants	12	Type	Warp & weft	Protection	0	Dummy	0				
1: A16	2: B16	3: C16	4: D16	5: E16	6: F16	7: G16	8: H16	9: I16	10: J16	11: K16	12: L16
512-3	512-3	512-3	512-3	512-3	512-3	512-3	512-3	002	512-3	512-3	512-3
SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK
38403-2	38110-5	38161	38242-5	38247-4	38363-5	38390	38347	38500	38202-4	38200-3	38213
SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK
38491	38113-5	38151	38228	38231	38386-4	38390-3	38313	38502	38202	38202-1	38202
SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK	SILK

## 23. PANTONE METALLIC COLORS

### WHAT DOES IT DO?

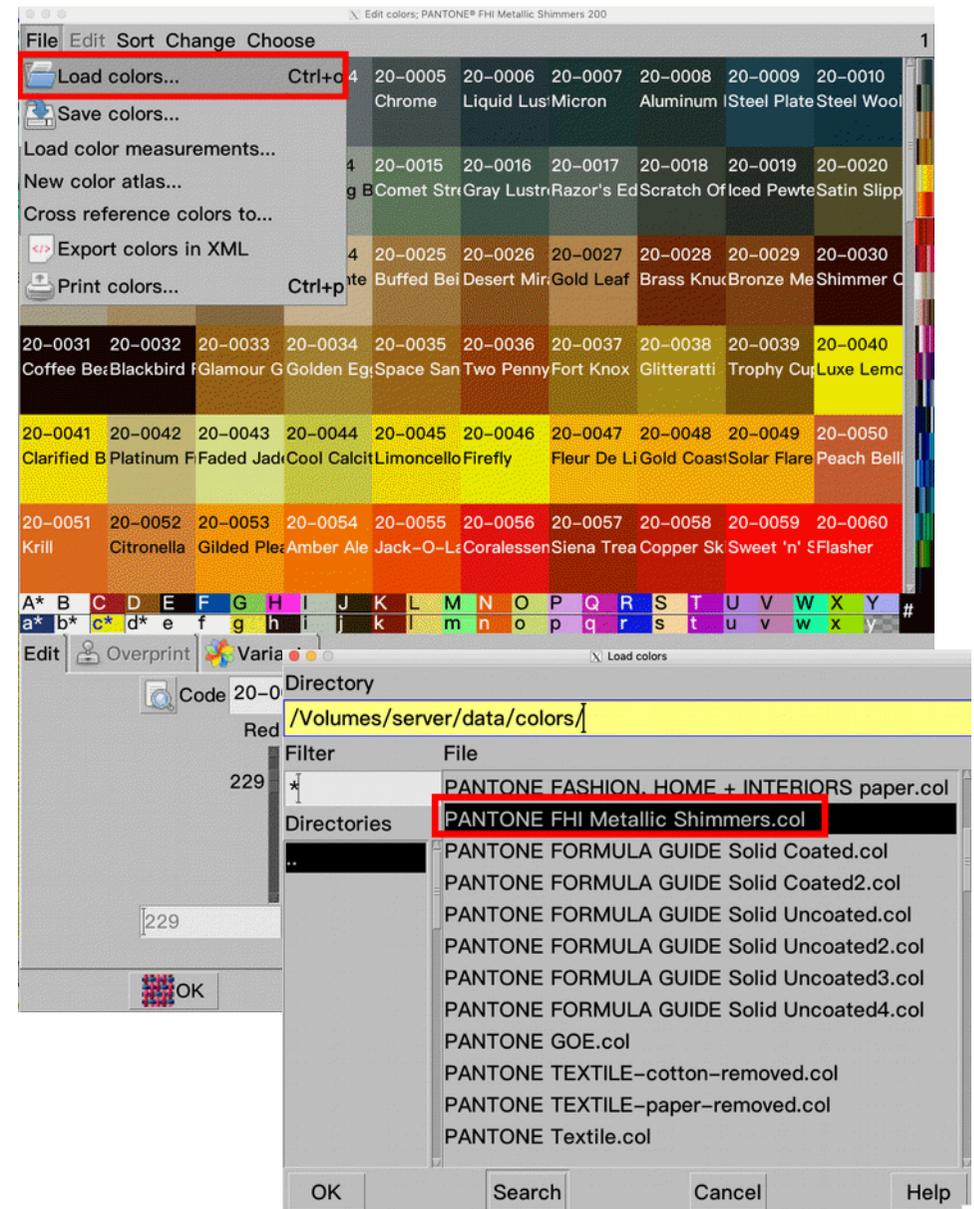
You can use metallic colors for yarns.

### WHERE?

Go to **Fabric > Colors**.

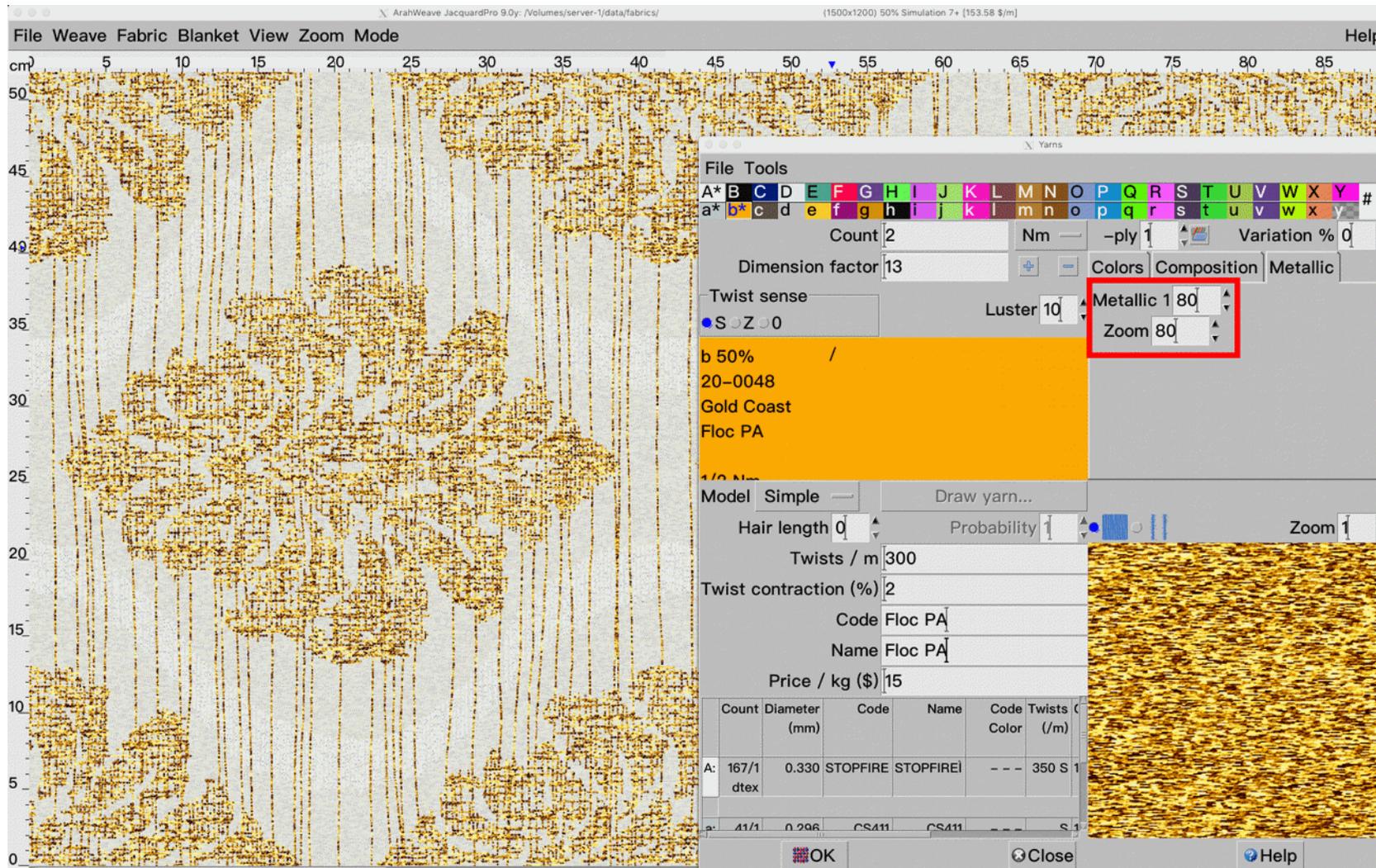
### HOW TO USE IT?

Open **File > Load colors** and load the **Pantone FHI Metallic Shimmers.col** to open the metallic colors palette in Edit color window.



TIP FOR CREATING METALLIC YARN SIMULATION

Go to **Fabric > Yarns** and click on the **Metallic** tab. Select the yarn with the metallic color and set the parameters for metallic yarn simulation.



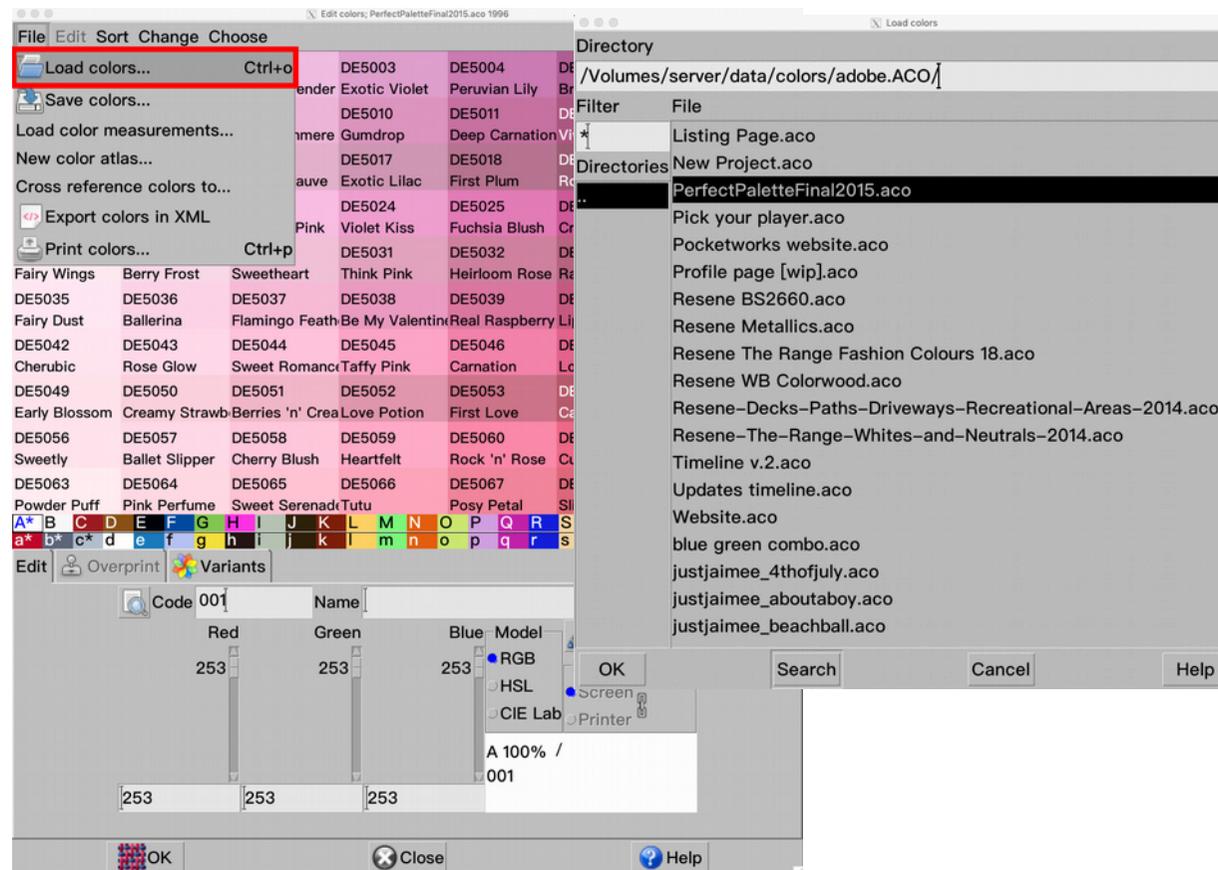
## 24. ADOBE PHOTOSHOP COLOR SWATCH .ACO SUPPORTED

### WHAT DOES IT DO?

Adobe Photoshop .ACO format color palette can be used in ArahWeave.

### WHERE AND HOW TO USE IT?

Go to **Fabric > Colors**, then **File > Load colors**, search for the .aco color palette and load it.



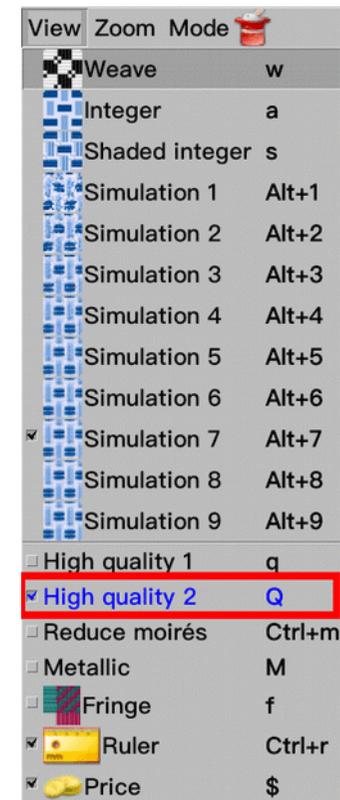
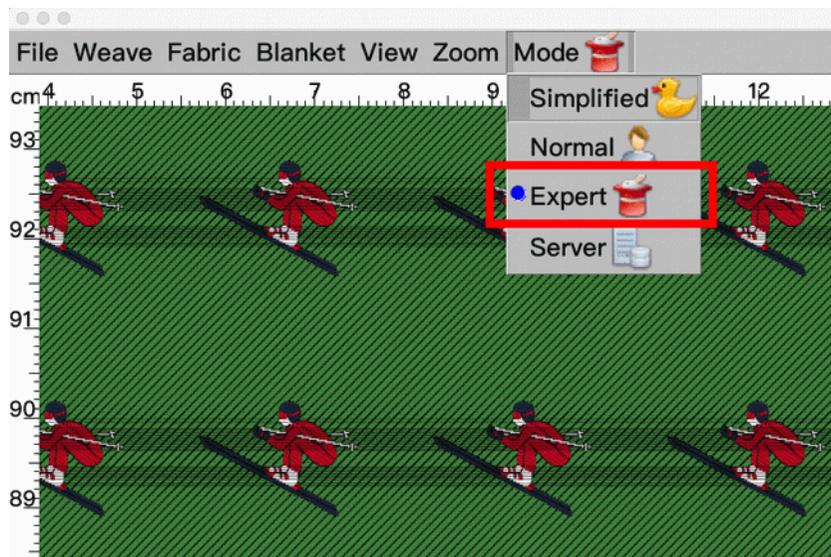
## 25. IMPROVED SIMULATION HIGH QUALITY 2

### WHAT DOES IT DO?

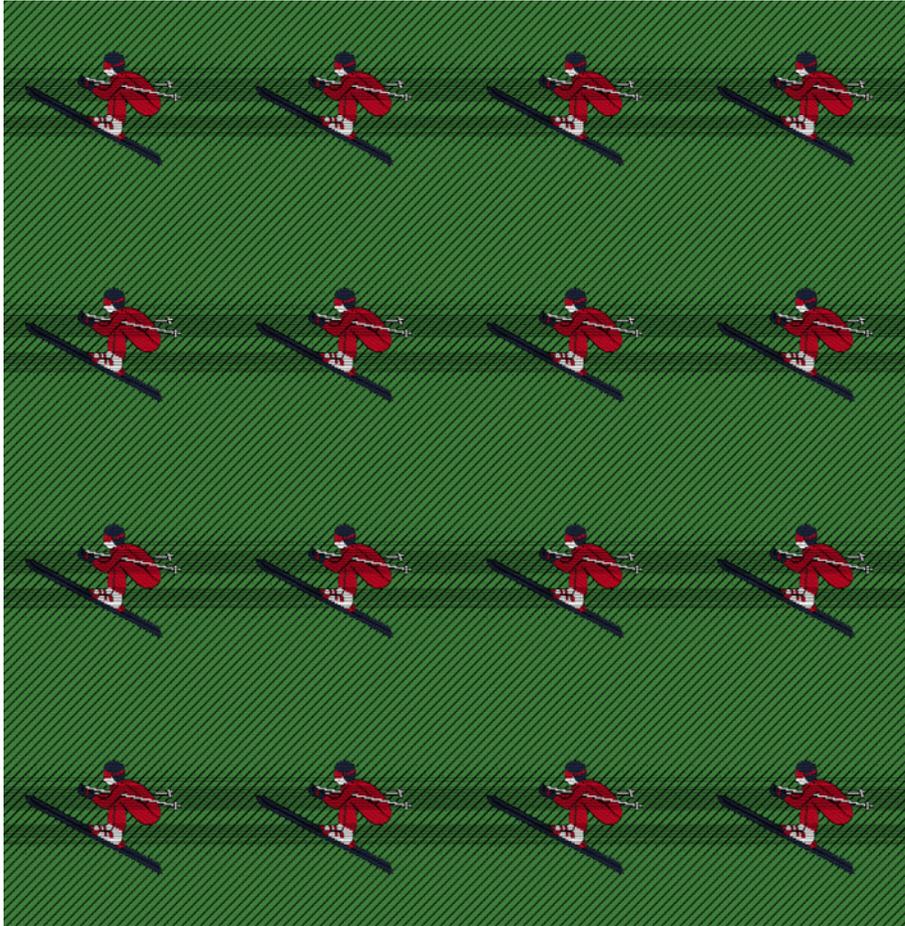
When the number of extra weft threads on the fabric simulation is very high, the extra wefts will be seen through the surface. The new function, High quality 2, allows you to hide the extra wefts behind the top threads.

### WHERE AND HOW TO USE IT?

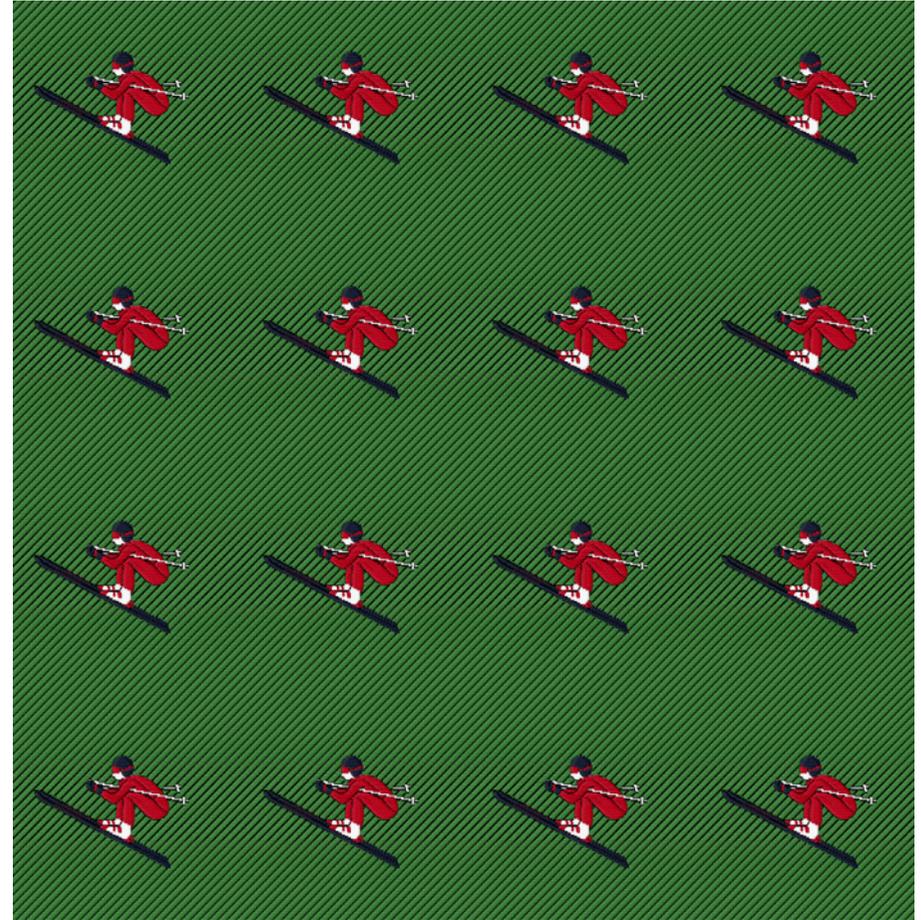
Set the **Mode** to **Expert**, go to **View** and select **High Quality 2**.



**NORMAL SIMULATION**



**HIGH QUALITY 2 SIMULATION**



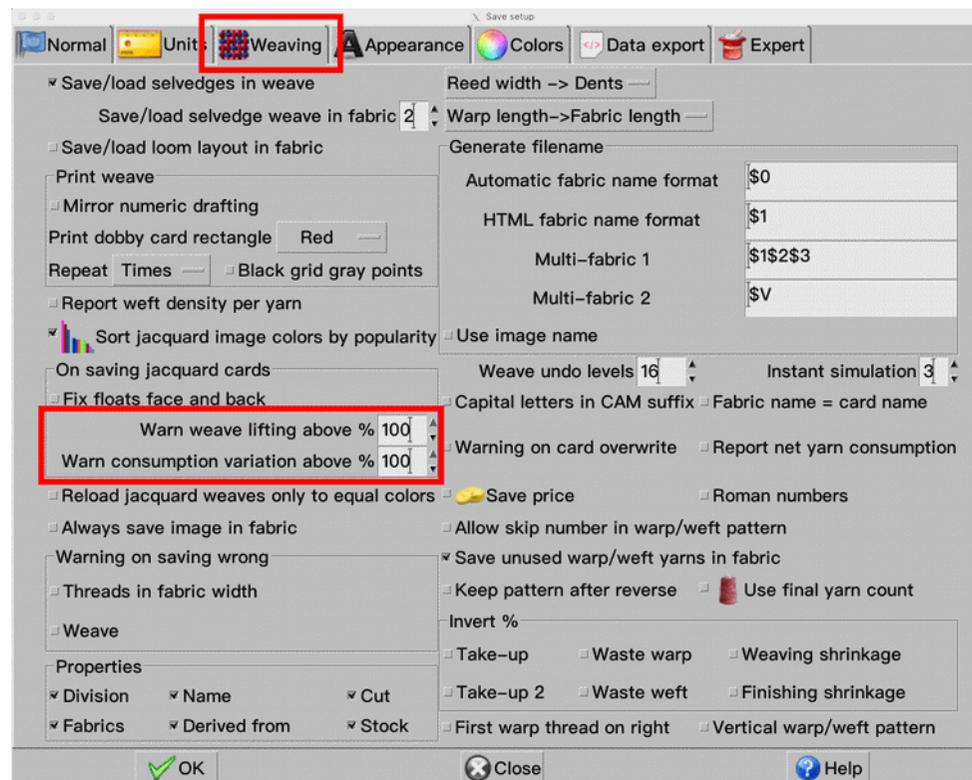
## 26. QUALITY CONTROL WHILE SAVING JACQUARD CARDS

### WHAT DOES IT DO?

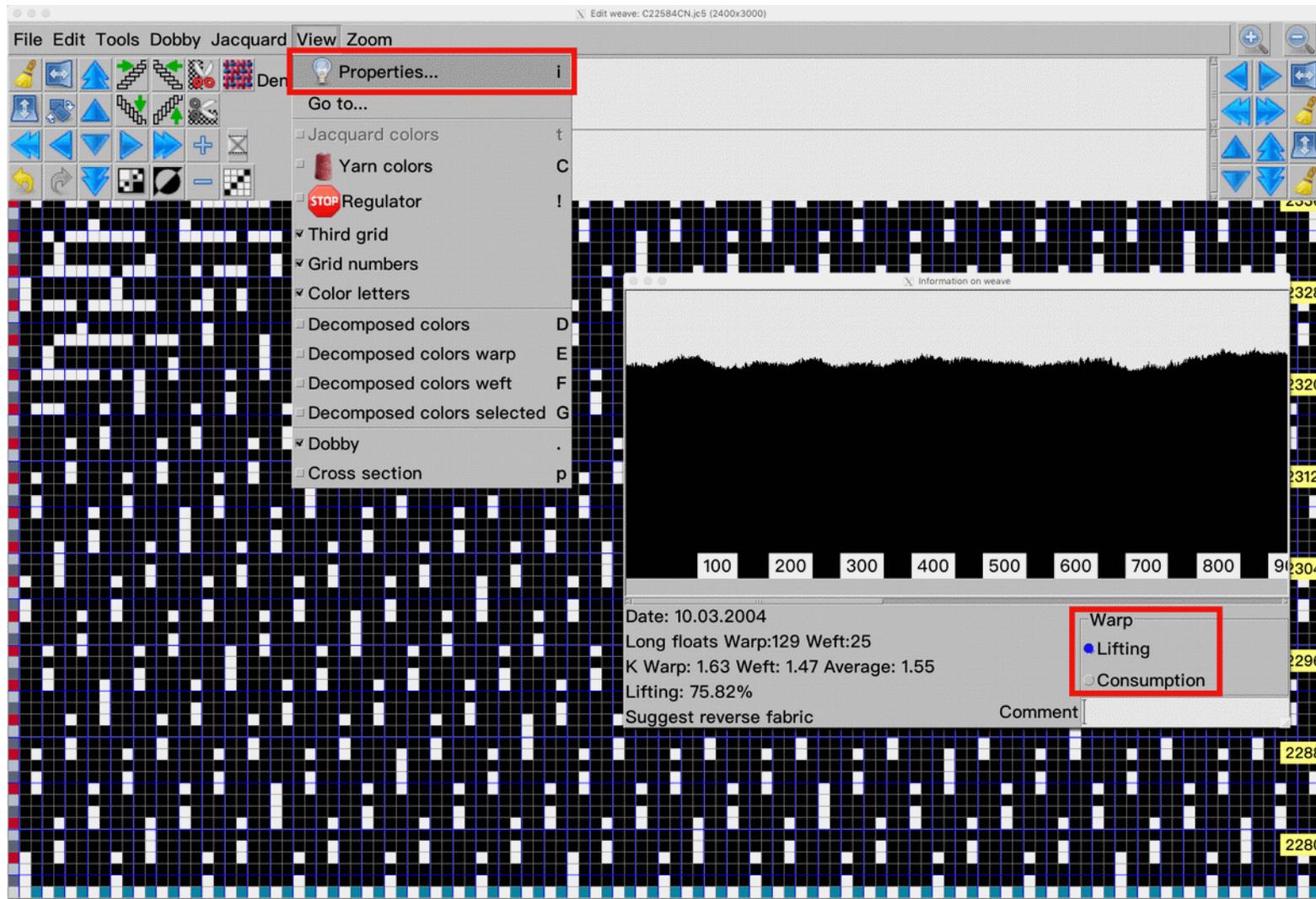
When saving jacquard cards, program warns you, if the limit for warp lifting and warp consumption variation is higher than set. By using this function, you can fix the problem, before the production of the fabric.

### WHERE AND HOW TO USE IT?

To set the limit for warning go to **Help > Save setup, Weaving** tab. Set the limit for warning in **Warn weave lifting above %** and **Warn consumption variation above %**. Leave the percentage to 100% if you do not want to receive any warning.



Warp lifting and Consumption variation can be controlled in **Weave properties** (in Weave browser go to **View > Properties**).



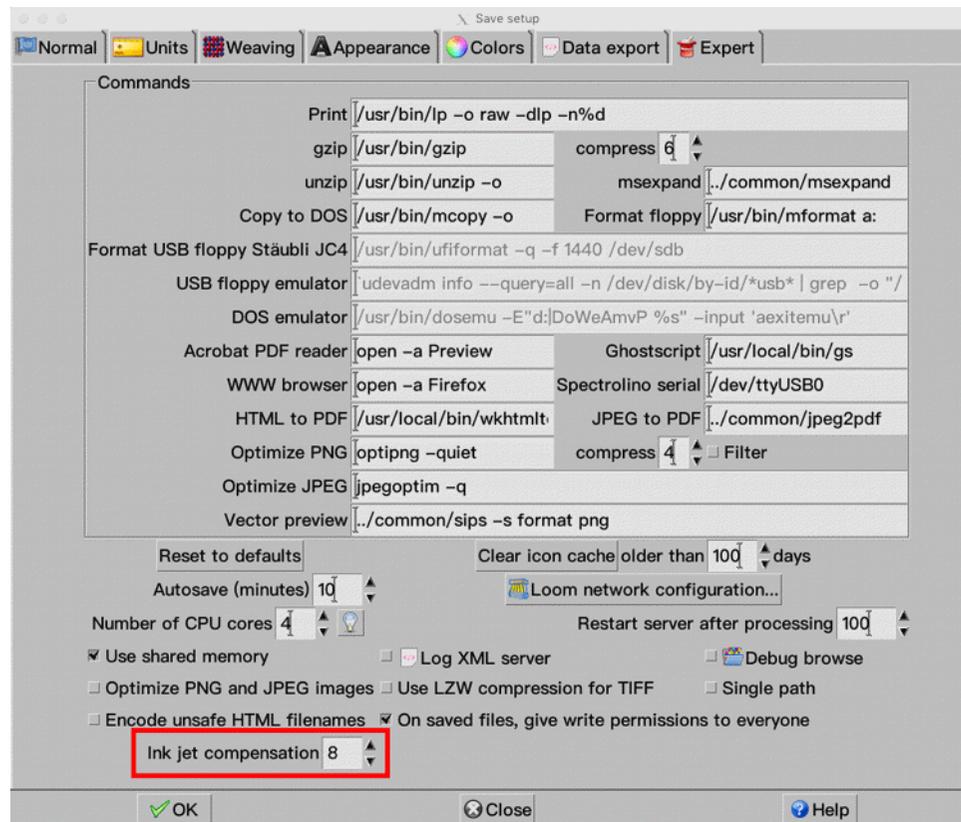
## 27. INK JET COMPENSATION

### WHAT DOES IT DO?

Prevents ink jet bleeding when printing with ink jet printer. If a color on the printed fabric simulation is too strong (for example darker colors), on the paper, the darker ink expands slightly, covering the lighter area around it. By setting this configuration, you can reduce the ink jet bleeding, so the lighter colors will be more visible.

### WHERE?

Go to **Help > Save setup**, click on the **Expert** tab and set **Ink jet compensation**.



*HOW TO USE IT?*

Next to **Ink jet compensation** increase the number, to artificially increase the yarn diameter and decrease the dark yarn diameter.

NO INK JET  
COMPENSATION

INK JET COMPENSATION  
SET



# ARAHPAINT

## 1. LOAD AUTOSAVED IMAGE

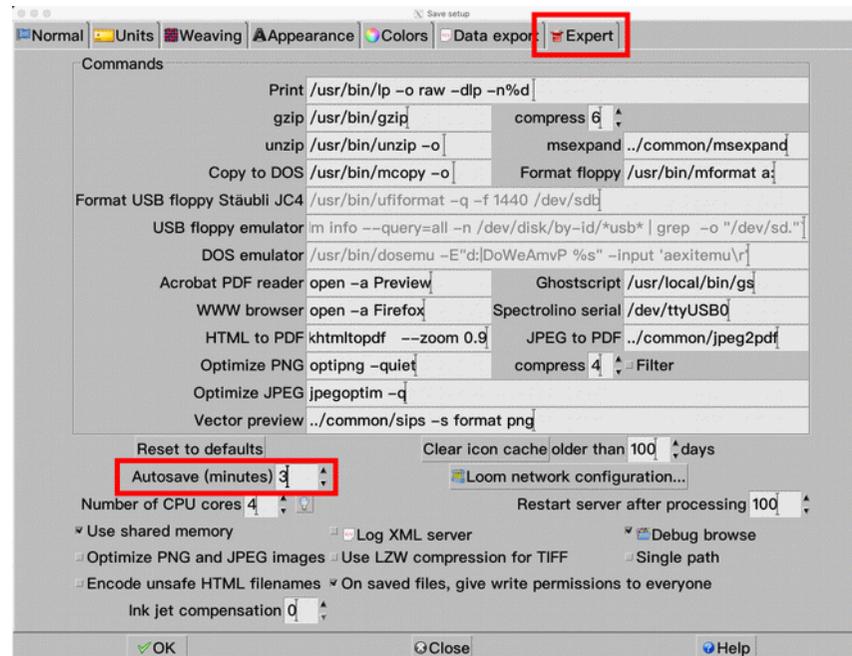
### WHAT DOES IT DO?

In ArahPaint, autosave stores image every 10 minutes (or set the autosave time yourself), so you can load them if the program crashes or due to any other misfortune.

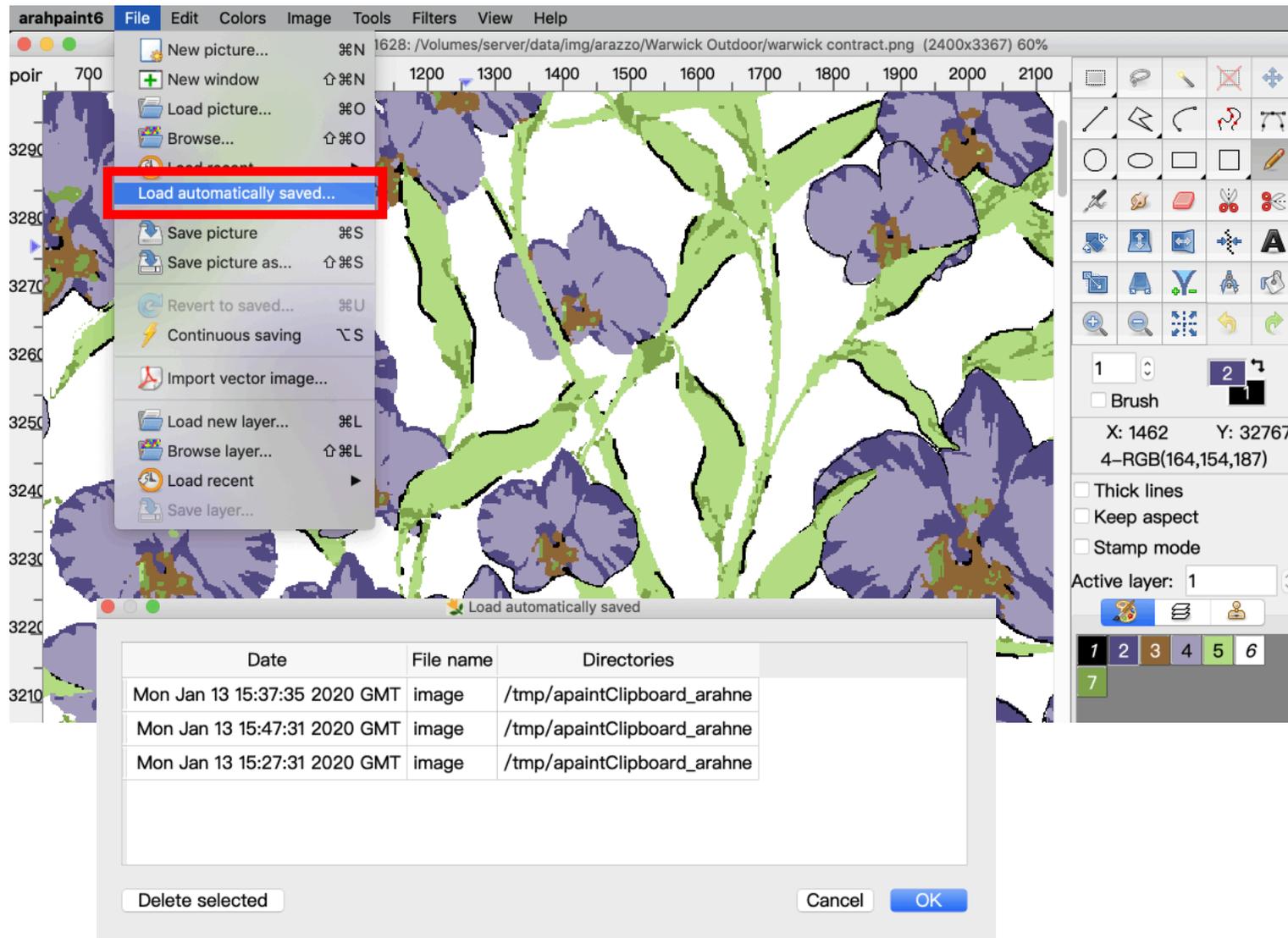
### WHERE AND HOW TO USE IT?

By default, ArahPaint will store image every 10 minutes. To change the time, open **ArahWeave** and go to **Help > Save setup, Expert tab** and set time under **Autosave (minutes)**. To load the stored image in ArahPaint, go to **File > Load automatically saved**. Maximum 10 sessions are saved, they get overwritten if you have more of them.

SET THE TIME IN ARAHWEAWE (DEFAULT TIME IS SET TO 10 MINUTES):



TO ACCESS AUTOSAVED FILE, GO TO FILE > LOAD AUTOMATICALLY SAVED:



## 2. WRITE TEXT IN ACTUAL DENSITY

### WHAT DOES IT DO?

Write text in actual fabric density. Convenient for making labels and name selvedges.

### WHERE AND HOW TO USE IT?

Click on the **Resize icon** and insert the **density**. Then open text tool **"A"**, write the text, select **Keep aspect** and press Insert.

The image shows a software interface with several panels and a grid. The **Transform** panel on the left has a red box around the **Density Width: 64.00** and **Density Height: 20.00** fields, with a callout box labeled "1. SET DENSITY". The **Font Selector** panel in the middle shows the font **Helvetica** and size **64**, with a red box around the **Insert** button and a callout box labeled "3. INSERT TEXT". The **Keep aspect** checkbox in the bottom right panel is checked, with a red box around it and a callout box labeled "2. CHECK KEEP ASPECT". The grid displays the text "100% CASHMERE" in green, with a larger version at the bottom.

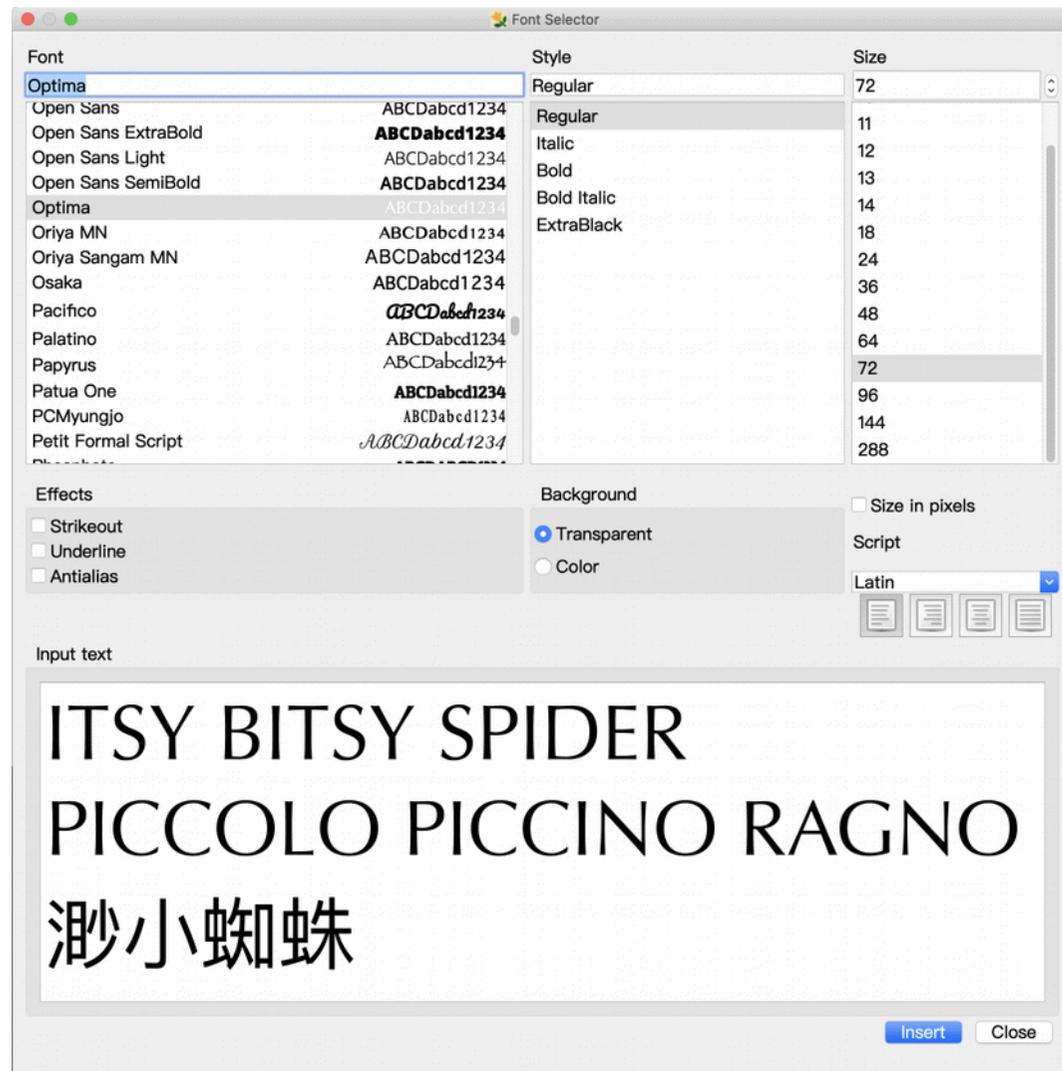
### 3. ITALIAN TRANSLATION OF THE MANUAL

ArahPaint manual is translated into Italian with images in Italian.



#### 4. IMPROVED FONT WINDOW

Easily find the right font for you in the improved font dialog, with font preview next to the font name.



## 5. DETAILED VIEW IN IMAGE BROWSER

### WHAT DOES IT DO?

You can enable list view displaying detailed information about an image, such as: filename, date, file type, colors, pixel size, image format, dpi, width, height and file size.

Images can be sorted according to specific image detail.

### WHERE?

Go to **File > Browse**.

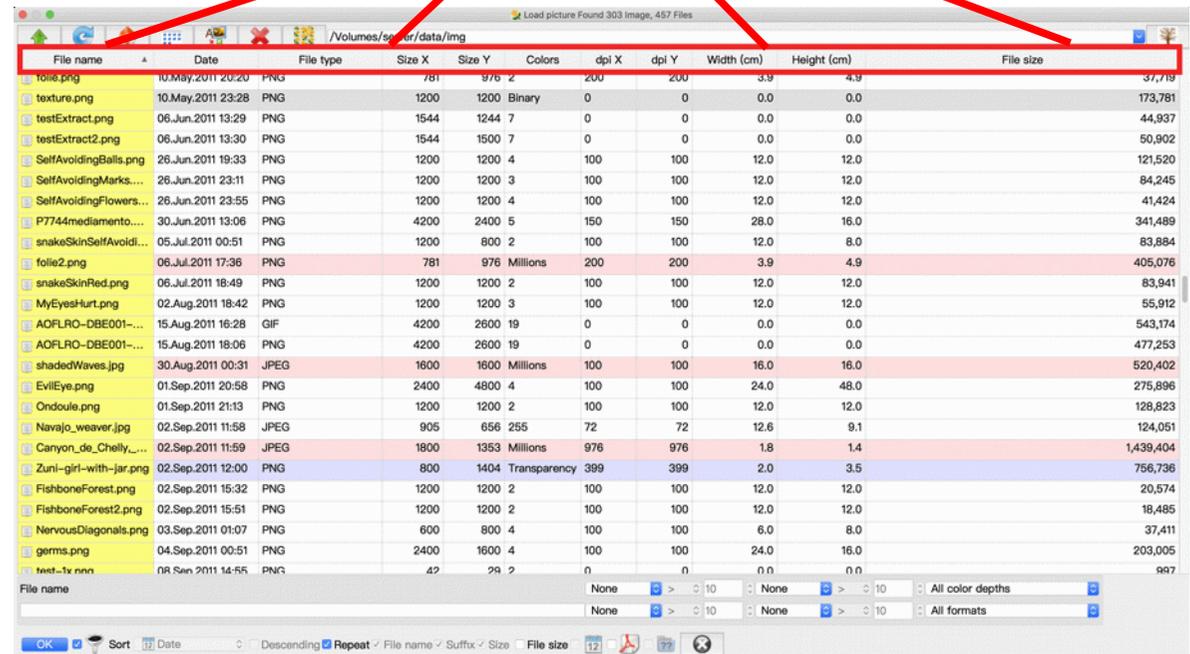
### HOW TO USE IT?

Click on the **List view** icon.



IMAGE VIEW

CLICK ON THE FILE PARAMETER TO  
SORT THE IMAGES ACCORDINGLY



File name	Date	File type	Size X	Size Y	Colors	dpi X	dpi Y	Width (cm)	Height (cm)	File size
folie.png	10.May.2011 20:20	PNG	781	976	2	200	200	3.9	4.9	37,719
texture.png	10.May.2011 23:28	PNG	1200	1200	Binary	0	0	0.0	0.0	173,781
testExtract.png	06.Jun.2011 13:29	PNG	1544	1244	7	0	0	0.0	0.0	44,937
testExtract2.png	06.Jun.2011 13:30	PNG	1544	1500	7	0	0	0.0	0.0	50,902
SelfAvoidingBalls.png	26.Jun.2011 19:33	PNG	1200	1200	4	100	100	12.0	12.0	121,520
SelfAvoidingMarks...	26.Jun.2011 23:11	PNG	1200	1200	3	100	100	12.0	12.0	84,245
SelfAvoidingFlowers...	26.Jun.2011 23:55	PNG	1200	1200	4	100	100	12.0	12.0	41,424
P7744medimento...	30.Jun.2011 13:06	PNG	4200	2400	5	150	150	28.0	16.0	341,489
snakeSkinSelfAvoidi...	05.Jul.2011 00:51	PNG	1200	800	2	100	100	12.0	8.0	83,884
folie2.png	06.Jul.2011 17:36	PNG	781	976	Millions	200	200	3.9	4.9	405,076
snakeSkinRed.png	06.Jul.2011 18:49	PNG	1200	1200	2	100	100	12.0	12.0	83,941
MyEyesHurt.png	02.Aug.2011 18:42	PNG	1200	1200	3	100	100	12.0	12.0	55,912
AOFLRC-DBE01-...	15.Aug.2011 16:28	GIF	4200	2600	19	0	0	0.0	0.0	543,174
AOFLRC-DBE01-...	15.Aug.2011 18:06	PNG	4200	2600	19	0	0	0.0	0.0	477,253
shadedWaves.jpg	30.Aug.2011 00:31	JPEG	1600	1600	Millions	100	100	16.0	16.0	520,402
EvilEye.png	01.Sep.2011 20:58	PNG	2400	4800	4	100	100	24.0	48.0	275,896
Ondoule.png	01.Sep.2011 21:13	PNG	1200	1200	2	100	100	12.0	12.0	128,823
Navajo_weaver.jpg	02.Sep.2011 11:58	JPEG	905	656	255	72	72	12.6	9.1	124,051
Canyon_de_Chelly...	02.Sep.2011 11:59	JPEG	1800	1353	Millions	976	976	1.8	1.4	1,439,404
Zuni-girl-with-jar.png	02.Sep.2011 12:00	PNG	800	1404	Transparency	399	399	2.0	3.5	756,736
FishboneForest.png	02.Sep.2011 15:32	PNG	1200	1200	2	100	100	12.0	12.0	20,574
FishboneForest2.png	02.Sep.2011 15:51	PNG	1200	1200	2	100	100	12.0	12.0	18,485
NervousDiagonals.png	03.Sep.2011 01:07	PNG	600	800	4	100	100	6.0	8.0	37,411
germs.png	04.Sep.2011 00:51	PNG	2400	1600	4	100	100	24.0	16.0	203,005
test-1x.png	04.Sep.2011 14:55	PNG	42	28	2	0	0	0.0	0.0	997

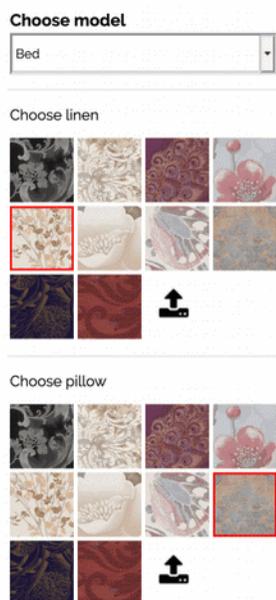
LIST VIEW

# ARAHDRAPE

## 1. PRODUCT CONFIGURATOR

### WHAT DOES IT DO?

Present your product online, on the mobile phone, tablet or desktop computer. Visitor can change the fabric on different parts of the product and upload customized fabric image. This is a separate module which can be implemented with your web site developer.



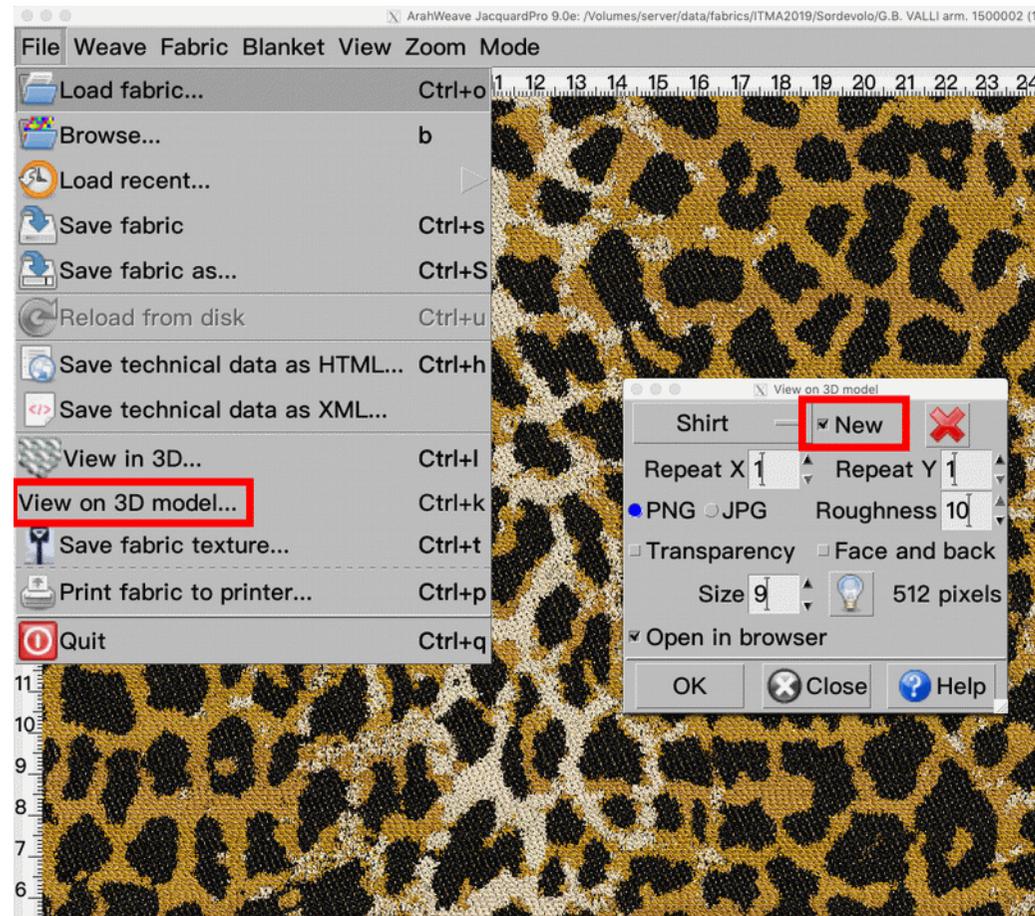
## NEW APPLICATION: ARAHVIEW3D

### WHAT DOES IT DO?

Arahview3D shows the fabric designed in ArahWeave on the 3D model. This is a separate payable module.

### WHERE?

Go to **File>View on 3D model**. Select **New**.



*HOW TO USE IT?*

In ArahWeave first load the fabric you wish to apply on the 3D model. Open the **View on 3D model** window and select **New**. Then choose the type of 3D model on which you will show the fabric:

- Shirt
- Clothing
- Tie
- Accessories
- Upholstery
- Curtain
- Linen

**SELECT NEW**

**CHOOSE THE MODEL CATEGORY**

**CHOOSE IMAGE FORMAT, REPEAT SIZE, ROUGHNESS, TRANSPARENCY (PNG FORMAT), FACE AND BACK**

**CLICK ON THE LIGHT BULB ICON TO CALCULATE THE APPROPRIATE TEXTURE RESOLUTION**

**CHECK OPEN IN BROWSER: ARAHVIEW<sub>3D</sub> WILL OPEN AFTER PRESSING OK**

**UNCHECK OPEN IN BROWSER: ARAHVIEW<sub>3D</sub> WILL NOT OPEN, BUT THE FABRIC WILL BE SAVED IN ARAHVIEW<sub>3D</sub> (RECOMMENDED IF YOU WANT TO SAVE LARGE AMOUNT OF FABRICS)**

## CHECK OUR DEMO

