



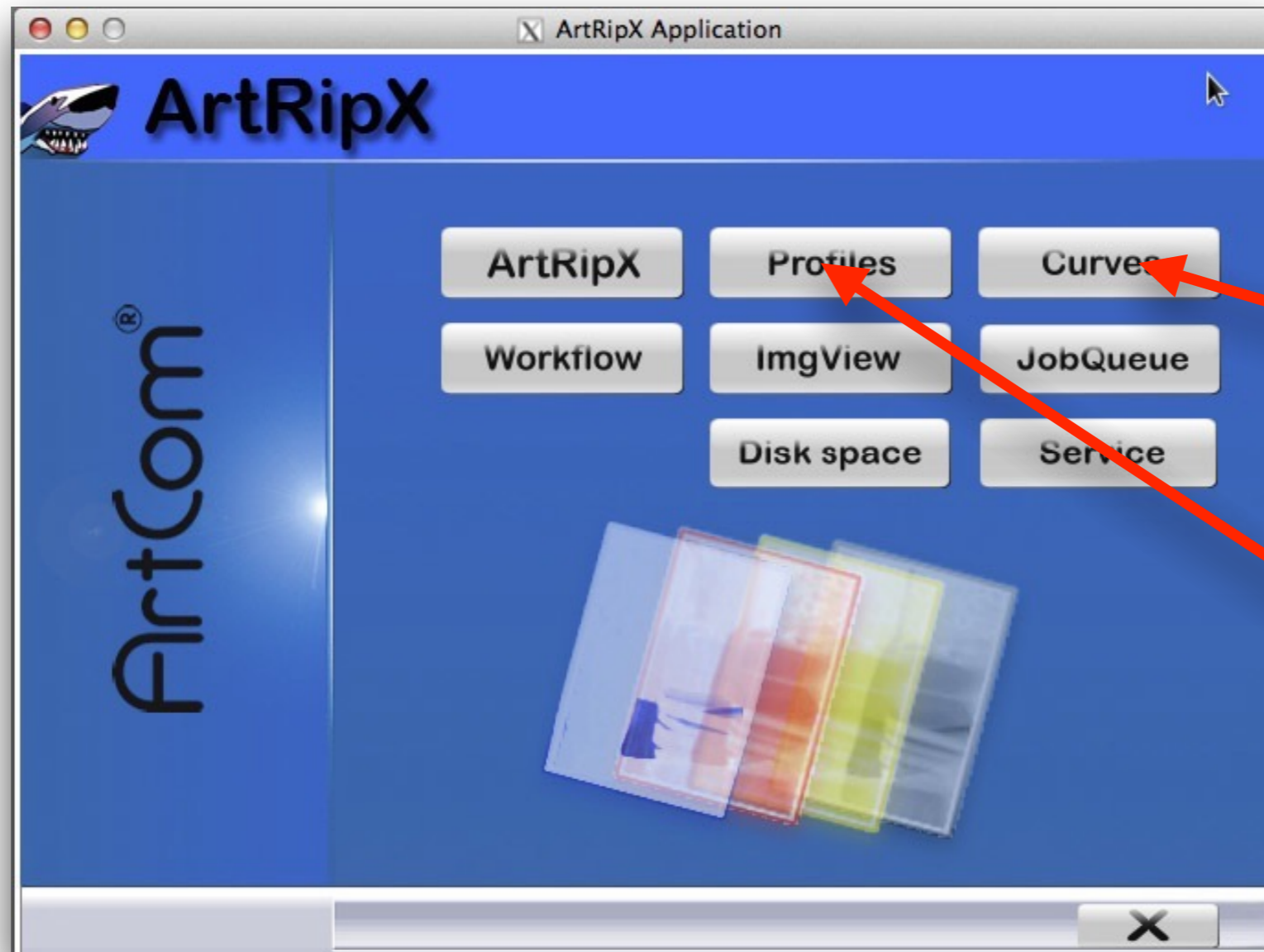
# ArtRipX training

# ArtRipX



- Bitmap output
- Multi processor RIP
- Cluster capable
- Workflow based RIP
- Adobe PDF Print Engine 3.x
- AM screen
- Stochastic screen (FM)
- Cross modulated screen (hybrid)
- CTP systems independent
- Adobe certified

# ArtRipX application



CurveManager

ProfileManager

ArtRipX application. Start with the command ***startArtRipX*** in a terminal.

Curve manager

Print dot gain

Dot gain for plates

- AM\_Ellipse
  - LWC\_BroRoll
  - no print calibration
- ArtCom
  - no print calibration
- FM\_BASE\_DUAL
  - no print calibration
- FM\_BASE\_SINGLE
  - no print calibration
- FM\_Mittelwert
  - no print calibration
- Null
  - no print calibration
- Printer\_Barca\_FM
  - AM\_70\_Black
  - AM\_70\_Cyan-Yellow
  - AM\_70\_Magenta
  - FM\_Black\_Plano\_Grouprint
  - FM\_Cyan-Yellow\_Plano\_Grouprint
  - FM\_Magenta\_Plano\_Grouprint
  - no print calibration
- no plate calibration
  - ACXM\_30-40\_Black
  - ACXM\_30-40\_CMY
  - ACXM\_Mittelwert**
  - AM\_eigene
  - FMG2\_Negro\_ROT\_28my
  - FM\_133\_sc
  - FM\_G1\_Cyan-Mag\_ROT\_28my
  - FM\_G1\_Cyan\_COB\_28my
  - FM\_G1\_Cyan\_QMD\_28M
  - FM\_G1\_Magenta\_COB\_28my
  - FM\_G1\_Magenta\_QMD\_28M
  - FM\_G1\_Negro\_COB\_28my
  - FM\_G1\_Negro\_QMD\_28M
  - FM\_G1\_Negro\_ROT\_28my
  - FM\_G1\_Yellow\_COB\_28my
  - FM\_G1\_Yellow\_QMD\_28
  - FM\_G1\_Yellow\_ROT\_28my
  - FM\_G2\_Cyan\_COB\_28my
  - FM\_G2\_Cyan\_ROT\_28my
  - FM\_G2\_Magenta\_COB\_28my
  - FM\_G2\_Magenta\_ROT\_28my
  - FM\_G2\_Negro\_COB\_28my
  - FM\_G2\_Yellow\_COB\_28my
  - FM\_G2\_Yellow\_ROT\_28my
  - FM\_G3\_Cyan\_COB\_28my
  - FM\_G3\_Magenta\_COB\_28my
  - FM\_G3\_Negro\_COB\_28my

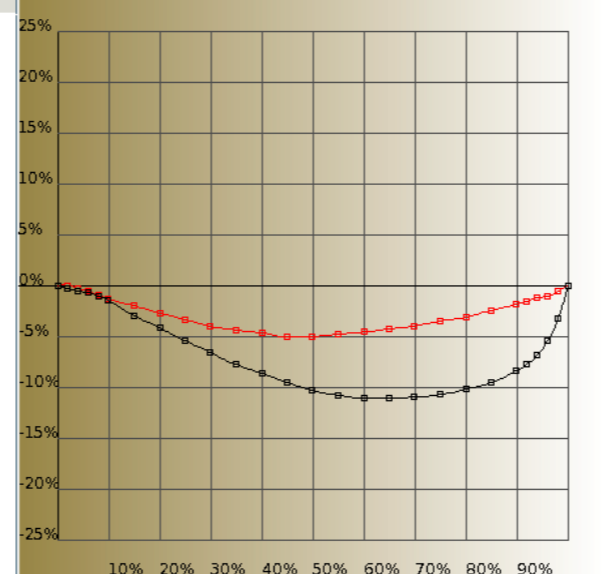
AM\_eigene

Profile created at: Tuesday, February 17, 2009 11:06:29 AM CET

Profile last modified: Thursday, July 5, 2012 11:28:18 AM CEST

show reference curve

Requ.	Corr.	S.
0.00%	0.00%	<input checked="" type="checkbox"/>
2.00%	1.66%	<input type="checkbox"/>
4.00%	3.40%	<input type="checkbox"/>
6.00%	5.23%	<input type="checkbox"/>
8.00%	6.89%	<input type="checkbox"/>
10.00%	8.47%	<input type="checkbox"/>
15.00%	12.02%	<input type="checkbox"/>
20.00%	15.79%	<input type="checkbox"/>
25.00%	19.56%	<input type="checkbox"/>
30.00%	23.45%	<input type="checkbox"/>
35.00%	27.25%	<input type="checkbox"/>
40.00%	31.38%	<input type="checkbox"/>
45.00%	35.47%	<input type="checkbox"/>
50.00%	39.70%	<input type="checkbox"/>
55.00%	44.23%	<input type="checkbox"/>
60.00%	48.92%	<input type="checkbox"/>
65.00%	53.92%	<input type="checkbox"/>
70.00%	59.02%	<input type="checkbox"/>
75.00%	64.28%	<input type="checkbox"/>
80.00%	69.79%	<input type="checkbox"/>
85.00%	75.47%	<input type="checkbox"/>
90.00%	81.66%	<input type="checkbox"/>
92.00%	84.25%	<input type="checkbox"/>
94.00%	87.20%	<input type="checkbox"/>
96.00%	90.61%	<input type="checkbox"/>
98.00%	94.79%	<input type="checkbox"/>
100.00%	100.00%	<input checked="" type="checkbox"/>



Annotations:  
Korrigierende Kurve erfassen.:  
Diese Kurve wurde aus der Datei /projects/messungen/FM\_Mittelwerte/Mittelwert\_FM\_28my\_Neu\_120904.txt importiert.

# CurveManager

# Base calibration curve



Curve manager

Plate dot gain

no plate calibration

Profile created at: Wednesday, November 27, 2013 12:38:51 PM CET

Profile last modified: Wednesday, November 27, 2013 12:38:51 PM CET

show reference curve

Regu.	Meas.	S.
0.00%	0.00%	<input checked="" type="checkbox"/>
2.00%	2.00%	
4.00%	4.00%	
6.00%	6.00%	
8.00%	8.00%	
10.00%	10.00%	
15.00%	15.00%	
20.00%	20.00%	
25.00%	25.00%	
30.00%	30.00%	
35.00%	35.00%	
40.00%	40.00%	
45.00%	45.00%	
50.00%	50.00%	
55.00%	55.00%	
60.00%	60.00%	
65.00%	65.00%	
70.00%	70.00%	
75.00%	75.00%	
80.00%	80.00%	
85.00%	85.00%	
90.00%	90.00%	
92.00%	92.00%	
94.00%	94.00%	
96.00%	96.00%	
98.00%	98.00%	
100.00%	100.00%	<input checked="" type="checkbox"/>

Annotations:  
The default profile is not editable.  
Please create a new profile first.

Video tutorial

# Dotgain curve



Curve manager

Plate dot gain

Dot gain for plates

- AM\_Ellipse
- ArtCom
- FM\_BASE\_DUAL
- FM\_BASE\_SINGLE
- FM\_Mittelwert
- Kodak\_Trillian
- Kodak\_Trillian\_ACXM
- Kodak\_Trillian\_FMPC3
- Null
- Printer Barca FM
- no plate calibration**
- Test\_Kopie
- XM\_Grundkali
- Xcurve\_Printer
- base\_AC-Elipse
- base\_FM\_20my
- base\_FM\_28my
- base\_calibration
- calli\_19.2
- neuerKeil
- new\_calibration
- new\_platte\_calibration

**no plate calibration**

Profile created at: Wednesday, November 27, 2013 12:38:51 PM CET

Profile last modified: Wednesday, November 27, 2013 12:38:51 PM CET

show reference curve

Requ.	Meas.	S
0.00%	0.00%	<input checked="" type="checkbox"/>
2.00%	2.00%	<input type="checkbox"/>
4.00%	4.00%	<input type="checkbox"/>
6.00%	6.00%	<input type="checkbox"/>
8.00%	8.00%	<input type="checkbox"/>
10.00%	10.00%	<input type="checkbox"/>
15.00%	15.00%	<input type="checkbox"/>
20.00%	20.00%	<input type="checkbox"/>
25.00%	25.00%	<input type="checkbox"/>
30.00%	30.00%	<input type="checkbox"/>
35.00%	35.00%	<input type="checkbox"/>
40.00%	40.00%	<input type="checkbox"/>
45.00%	45.00%	<input type="checkbox"/>
50.00%	50.00%	<input type="checkbox"/>
55.00%	55.00%	<input type="checkbox"/>
60.00%	60.00%	<input type="checkbox"/>
65.00%	65.00%	<input type="checkbox"/>
70.00%	70.00%	<input type="checkbox"/>
75.00%	75.00%	<input type="checkbox"/>
80.00%	80.00%	<input type="checkbox"/>
85.00%	85.00%	<input type="checkbox"/>
90.00%	90.00%	<input type="checkbox"/>
92.00%	92.00%	<input type="checkbox"/>
94.00%	94.00%	<input type="checkbox"/>
96.00%	96.00%	<input type="checkbox"/>
98.00%	98.00%	<input type="checkbox"/>
100.00%	100.00%	<input checked="" type="checkbox"/>

Annotations:  
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Please create a new profile first.

Video tutorial

# Dotgain curve



Curve manager

Plate dot gain

Dot gain for plates

- AM\_Ellipse
- ArtCom
- FM\_BASE\_DUAL
- FM\_BASE\_SINGLE
- FM\_Mittelwert
- Kodak\_Trillian
- Kodak\_Trillian\_ACXM
- Kodak\_Trillian\_FMPC3
- Null
- Printer Barca FM
- no plate calibration**
- Test\_Kopie
- XM\_Grundkali
- Xcurve\_Printer
- base\_AC-Ellipse
- base\_FM\_20my
- base\_FM\_28my
- base\_calibration
- calli\_19.2
- neverKeil
- new\_calibration
- new\_platte\_calibration

no plate calibration

Profile created at: Wednesday, November 27, 2013 12:38:51 PM CET

Profile last modified: Wednesday, November 27, 2013 12:38:51 PM CET

show reference curve

Requ.	Meas.	S.
0.00%	0.00%	<input checked="" type="checkbox"/>
2.00%	2.00%	<input type="checkbox"/>
4.00%	4.00%	<input type="checkbox"/>
6.00%	6.00%	<input type="checkbox"/>
8.00%	8.00%	<input type="checkbox"/>
10.00%	10.00%	<input type="checkbox"/>
15.00%	15.00%	<input type="checkbox"/>
20.00%	20.00%	<input type="checkbox"/>
25.00%	25.00%	<input type="checkbox"/>
30.00%	30.00%	<input type="checkbox"/>
35.00%	35.00%	<input type="checkbox"/>
40.00%	40.00%	<input type="checkbox"/>
45.00%	45.00%	<input type="checkbox"/>
50.00%	50.00%	<input type="checkbox"/>
55.00%	55.00%	<input type="checkbox"/>
60.00%	60.00%	<input type="checkbox"/>
65.00%	65.00%	<input type="checkbox"/>
70.00%	70.00%	<input type="checkbox"/>
75.00%	75.00%	<input type="checkbox"/>
80.00%	80.00%	<input type="checkbox"/>
85.00%	85.00%	<input type="checkbox"/>
90.00%	90.00%	<input type="checkbox"/>
92.00%	92.00%	<input type="checkbox"/>
94.00%	94.00%	<input type="checkbox"/>
96.00%	96.00%	<input type="checkbox"/>
98.00%	98.00%	<input type="checkbox"/>
100.00%	100.00%	<input checked="" type="checkbox"/>

Annotations:  
The default profile is not editable.  
Please create a new profile first.

Video tutorial

# Takeover a dotgain curve



Curve manager

Print dot gain

no print calibration

Profile created at: Wednesday, November 27, 2013 12:38:51 PM CET

Profile last modified: Wednesday, November 27, 2013 12:38:51 PM CET

show reference curve

Requ.	Corr.	S.
0.00%	0.00%	<input checked="" type="checkbox"/>
2.00%	2.00%	<input type="checkbox"/>
4.00%	4.00%	<input type="checkbox"/>
6.00%	6.00%	<input type="checkbox"/>
8.00%	8.00%	<input type="checkbox"/>
10.00%	10.00%	<input type="checkbox"/>
15.00%	15.00%	<input type="checkbox"/>
20.00%	20.00%	<input type="checkbox"/>
25.00%	25.00%	<input type="checkbox"/>
30.00%	30.00%	<input type="checkbox"/>
35.00%	35.00%	<input type="checkbox"/>
40.00%	40.00%	<input type="checkbox"/>
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50.00%	50.00%	<input type="checkbox"/>
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60.00%	60.00%	<input type="checkbox"/>
65.00%	65.00%	<input type="checkbox"/>
70.00%	70.00%	<input type="checkbox"/>
75.00%	75.00%	<input type="checkbox"/>
80.00%	80.00%	<input type="checkbox"/>
85.00%	85.00%	<input type="checkbox"/>
90.00%	90.00%	<input type="checkbox"/>
92.00%	92.00%	<input type="checkbox"/>
94.00%	94.00%	<input type="checkbox"/>
96.00%	96.00%	<input type="checkbox"/>
98.00%	98.00%	<input type="checkbox"/>
100.00%	100.00%	<input checked="" type="checkbox"/>

Annotations:  
The default profile is not editable.  
Please create a new profile first.

Video tutorial

HalfToneManager: Standard

also display pre-defined screens

Frequency for all colorants: 60.0lpcm

Dot shape for all colorants: RC-Ellipse

Common dot gain plate: no plate ...ration  Common dot gain print: no print ...ration  Lock dot gain print

Separation	Angle	Frequency	Dot shape	Dot Gain Plate	Edit	Dot Gain Print	Edit
Cyan	75.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...
Magenta	15.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...
Yellow	0.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...
Black	45.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...
Default	45.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...

# ProfileManager

# Generate a new screen set



HalfToneManager: Standard

also display pre-defined screens

Frequency for all colorants: 60.0lpcm

Dot shape for all colorants: RC-Ellipse

Common dot gain plate: no plate ...ration  Common dot gain print: no print ...ration  Lock dot gain print

Separation	Angle	Frequency	Dot shape	Dot Gain Plate	Edit	Dot Gain Print	Edit
Cyan	75.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...
Magenta	15.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...
Yellow	0.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...
Black	45.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...
Default	45.0°	60.0lpcm	RC-Ellipse	no plate calibration	...	no print calibration	...

Standard  
6003\_KBA\_HSG\_F39\_AM\_80  
6007\_KBA\_HSG\_F43\_FM\_PC3  
6012\_KBA\_HSG\_F39\_ACXM\_240  
60\_ArtCom  
60\_Printer\_new  
6103\_KBA\_HMG\_F39\_AM\_80  
6107\_KBA\_HMG\_F43\_FM\_PC3  
6112\_KBA\_HMG\_F39\_ACXM\_240  
70\_ArtCom  
70\_Printer\_new  
70er\_AC-Ellipse  
7303\_KBA\_HMN\_F47\_AM\_80  
7307\_KBA\_HMN\_F44\_FM\_PC3  
7312\_KBA\_HMN\_F47\_ACXM\_240  
80\_Printer  
ACXM-Parzeller  
ACXM\_240  
ACXM\_240-30-40  
ACell\_48\_2400  
AM\_80  
AM\_ACell\_80  
AM\_Printer\_60CMYK  
Curve\_19-2-8  
Curve\_Test  
FM\_28my  
FM\_Printer\_R24  
FM\_linear  
LWC\_60  
Null  
Null\_Standard  
Nullkalibration\_60er  
SC\_54  
XM\_240  
XM\_280

Add colorant... Add colorant from order... Delete colorant

Video tutorial

# Use different dot gains



HalfToneManager: Generate\_a\_new\_Screenset

also display pre-defined screens

Frequency for all colorants: 79.921pcm

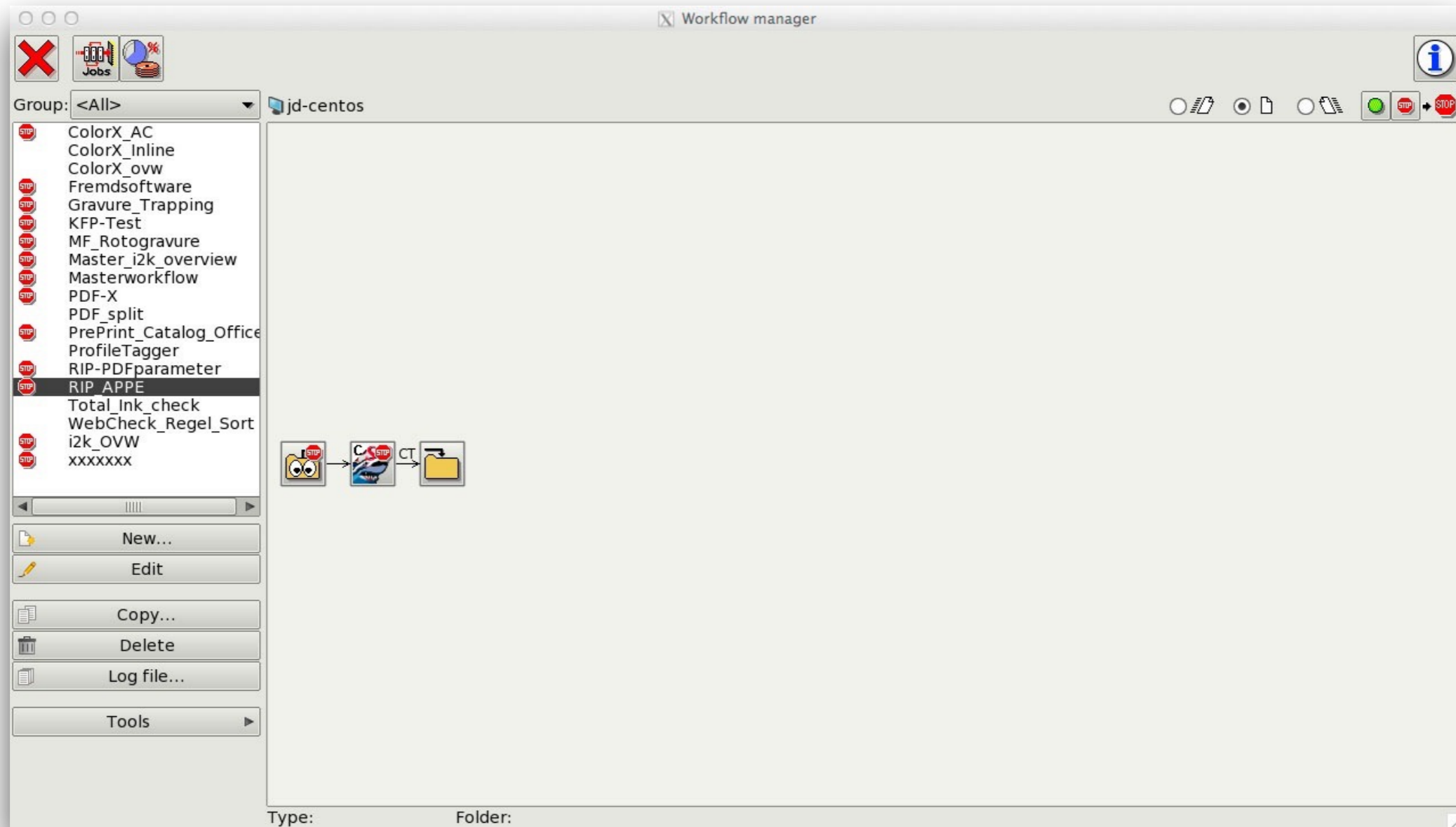
Dot shape for all colorants: AC-Ellipse

Common dot gain plate: new\_platte...bration  Common dot gain print: dotgain\_f...ations  Lock dot gain print

Separation	Angle	Frequency	Dot shape	Dot Gain Plate	Edit	Dot Gain Print	Edit
Cyan	75.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
Magenta	15.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
Yellow	0.0°	84.769pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
Black	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor01	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor02	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor03	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor04	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor05	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor06	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor07	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor08	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor09	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor10	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor11	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
ArtComOrderColor12	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...
Default	45.0°	79.921pcm	AC-Ellipse	new_platte...bration	...	dotgain_for_all_base_calibrations	...

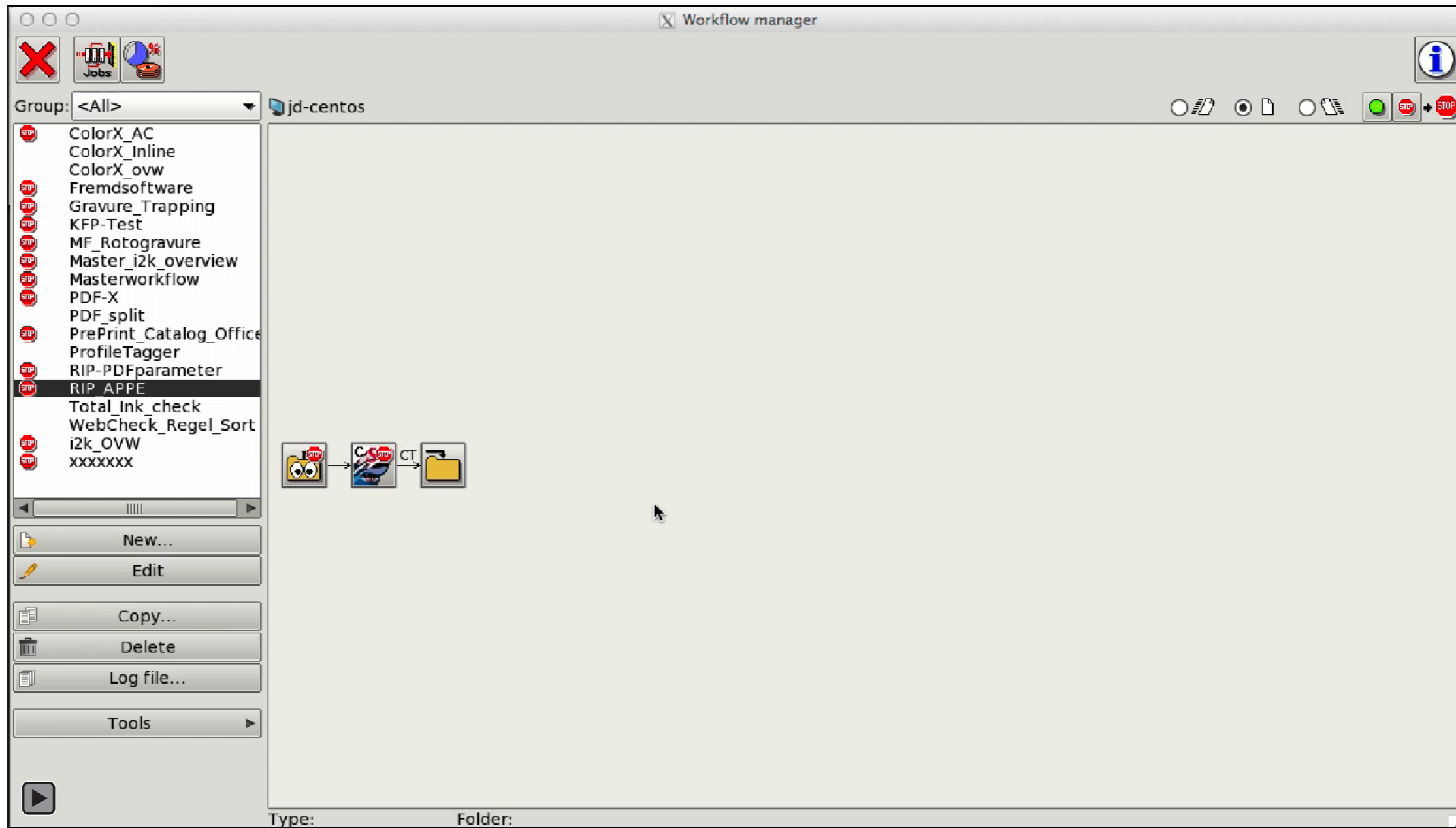
Video tutorial

# Workflow Manager



ArtCom® Workflow system. Start with command ***startWFManage*** in a terminal.

# ArtRipX Workflow



Video tutorial