

# AUTOMATIC FOR THE NUMBERS:

UNDERSTANDING  
AND USING FLARE'S  
AUTONUMBERING  
CAPABILITIES

Presented by:  
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# THE 5-STAGE JOURNEY

Stage 1

**Realization**



Hey cool! I can  
autonumber in  
Flare!

Stage 2

**Confusion**



Hmmm...this  
might take some  
time to figure  
out

Stage 3

**Anger**



THESE BLASTED  
AUTONUMBERS!!! WHY  
AREN'T THEY WORKING?!?

Stage 4

**Acceptance**



Oh GOOD!  
There is a webinar on  
Autonumbers.  
Hey, look, I can BREATHE  
again!!!

Stage 5

**Exuberance**



IT WORKS!!!  
IT WORKS!!!  
IT WORKS!!!

# WHY SHOULD I USE THEM THEN?

Gives your output a professional edge

Increases consistency

Set it and forget it -- allows you to focus on content

Meets documentation requirements in some cases

# EXAMPLE: FIGURE CAPTIONS

The bridge is one of the most internationally recognized symbols of San Francisco, California, and the United States. It has been declared one of the Wonders of the Modern World by the American Society of Civil Engineers.



**Figure 2-1:** View of the Golden Gate Bridge from Land's End.

Before the bridge was built, the only practical short route between San Francisco and what is now Marin County was by boat across a section of San Francisco Bay.

```
p.FigureCaption{  
  mc-auto-number-format: 'CF: {b}Figure {chapnum}-{n+}{/b}: '  
}
```

# EXAMPLE: TABLE CAPTIONS

eral and 23 honorary consulates have office

City	Country	Since
Assisi	Italy	1969
Barcelona	Spain	2010
Cork	Ireland	1984
Naples	Italy	2013
Paris	France	1996

**Table A:** San Francisco Sister Cities in Europe

City	Country	Since
Osaka	Japan	1957
Seoul	South Korea	1975
Shanghai	China	1979
Taipei	Tiawan	1970

**Table B:** San Francisco Sister Cities in Asia

```
p.TableCaption{  
  mc-auto-number-format: 'T:{b}Table  
  {A+}{/b}:';  
}
```

# EXAMPLE: NUMBERED HEADINGS

Table of Contents	
Jet Series Glue Valve .....	1
1. Jet Series Components .....	4
2. Installation .....	6
2.1 Installation Steps .....	6
3. Jet Valve Operation .....	10
3.1 Monet™ > System Setup .....	10
3.2 Monet™> Auto Job Setup (Save Default Job) .....	15
3.2.1 How It Works .....	15
3.2.2 Steps for Auto Job Setup - Based on Carton Style .....	15
3.3 Monet™ > Job Setup Overview .....	15

## 3.2 Monet™> Auto Job Setup (Save Default Job)

### 3.2.1 How It Works

Monet OS offers a feature to save default job files. This feature enables the capability to configure a job based on the carton style, allowing for certain stations to be preset for the next time a job is setup using the same carton style.

Auto Job Setup utilizes the following parameters:

### 3.2.2 Steps for Auto Job Setup - Based on Carton Style

1. From the Monet Main screen, select the Job Setup button.



```
h1{
mc-auto-number-format: 'CH:{chapnum}. ';
}

h2{
mc-auto-number-format: 'CH:{chapnum}.{n+} ';
}

h3{
mc-auto-number-format: 'CH:{chapnum}.{n}.{n+} ';
}
```

# EXAMPLE: PARAGRAPHS

## Chapter 4: Numbered Paragraphs

1. The Awesome SDK provides developers with integrate their mission critical applications v
2. Application Environment Monitoring (AEM) -
  - 2.1 Application Settings Management (AS enables remote management of appli
  - 2.2 Compliance - The Compliance module the security compliance status of the is installed...
    - 2.2.1 You're building a custom applic experience as part of your solu
  - 2.3 ...
3. ...
  - 3.1 ...
    - 3.1.1 ...

```
p.level1{  
  mc-auto-number-format: 'A:{n+}. ';  
  mc-auto-number-position: outside-head;  
  mc-auto-number-offset: 0.5in;  
  margin-left: 0.5in;  
}
```

```
p.level2{  
  mc-auto-number-format: 'A:{n}.{n+} ';  
  mc-auto-number-position: outside-head;  
  mc-auto-number-offset: 0.5in;  
  margin-left: 1in;  
}
```

```
p.level3{  
  mc-auto-number-format: 'A:{n}.{n}.{n+} ';  
  mc-auto-number-position: outside-head;  
  mc-auto-number-offset: 0.5in;  
  margin-left: 1.5in;  
}
```

# EXAMPLE: NUMBERED LISTS

## How to make a gingerbread

- 1 Cut out the paper patterns for the gingerbread house.
- 2 Preheat oven to 375 degrees F.
- 3 In a large mixing bowl, cream the butter, brown sugar, and baking soda together until the mixture is smooth.
- 4 Roll gingerbread dough out to edges on a large, rimmed baking sheet.
- 5 Place paper patterns onto the rolled out dough. With a sharp knife, cut out each of the pieces, but leave pieces in place.
- 6 Bake at 375 degrees F for about 15 minutes until done.
- 7 Place patterns on top of the gingerbread again and cut out. Use a sharp knife. Leave to cool on baking sheet.
- 8 Place royal icing into pastry bag with a writing tip and pipe on the gingerbread house, piping on decorations, windows, door, etc., as desired.
- 9 Glue sides, front and back of house together at corners.

```
p.StepL1_First{
  mc-auto-number-class: StepsGreen;
  mc-auto-number-format: 'N:{n=1}';
  mc-auto-number-offset: .25in;
  mc-auto-number-position: outside-head;
  mc-next-class: StepL1;
}
```

```
p.StepL1{
  mc-auto-number-class: StepsGreen;
  mc-auto-number-format: 'N:{n+}';
  mc-auto-number-offset: .25in;
  mc-auto-number-position: outside-head;
}
```

```
span.StepsGreen{
  background-color: #0A0;
  border-radius: 30px;
  color: #fff;
  font-size: 20px;
  font-weight: bold;
  margin-right: 30px;
  padding: 10px 15px;
}
```

# EXAMPLE: GENERATED TEXT

**Note:** Setting a smaller chunk size on your search database will improve search performance, but also increase build time.

```
p.Note{  
  border-bottom: 1px solid #00A4E4;  
  border-top: 1px solid #00A4E4;  
  mc-auto-number-format: '{b}Note{/b}:';  
  padding: 10px 0px;  
}
```

# EXAMPLE: OUTLINE

## Chapter 4: Introduction to

- I Introduce the user interface
- II Create an empty project
  - A Create topics
    - i Paragraphs
    - ii Lists
    - iii Images
    - iv Tables
    - v Links
  - B Create stylesheet
    - i Edit existing style
    - ii Create new class
    - iii Apply class to content
- III Build output
- IV Celebrate

```
p.OutlineL1{  
  mc-auto-number-format: '{family Cambria}{size  
  14pt}{R+}{ =0}  {/size}{/family}';  
}
```

```
p.OutlineL2{  
  margin-left: 0.25in;  
  mc-auto-number-format: '{family Cambria}{size  
  14pt}{ }{A+}{ =0}  {/size}{/family}';  
}
```

```
p.OutlineL3{  
  margin-left: 0.5in;  
  mc-auto-number-format: '{family Cambria}{size  
  14pt}{ }{ }{ }{r+}  {/size}{/family}';  
}
```

# WHERE DO I START?

1. Determine what content you want autonumbered and how you want it numbered (outside of Flare). e.g. Tables, Figures, Paragraphs, Headings, Notes, Lists, etc.
2. Determine what style classes you'll need to support your autonumbering structure
3. In Flare, create the style classes with the appropriate autonumber style
4. Apply the classes to the content in your topics
5. Create chapter and section breaks as necessary in your TOC

# DECIPHERING THE AUTONUMBER SYNTAX

'CF: {b}Figure {chapnum}-{n+}{/b}:

## Series Label

Specifies different types of autonumber series (like tables, figures, or lists). Can also indicate whether a series applies to a chapter, section, or entire book.

## Formatting

Determines the look of the autonumbered content. For example, font, font weight, font color, etc.

## Chapter, Section Volume

Organize your content into chapters, sections, and volumes and apply number sequences to them

## Counters

Indicates what types of numbers should be used and how they should be incremented.

## Text

Any plain text to include as part of the autonumber

# UNDERSTANDING **SERIES LABELS**

---

Series labels establish independent “lanes” of autonumbers in the same body of content



```
p.TableCaption
{
mc-auto-number-format: '
{b}Table {A+}{/b}:' ;
}


p.ImageCaption
{
mc-auto-number-format: '
{b}Figure {chapnum}-{n+}{/b}:' ;
}
```

### Problem:

p.TableCaption and  
p.ImageCaption are NOT  
separated with series  
labels—they are in the  
same “lane”


Chapter 4: Topic 7

Table Row	Table Row
<b>Table A:</b> Table caption for my first table	



**Figure 4-2:** Image caption for my first image

Table Row	Table Row
<b>Table C:</b> Table caption for my second table	



**Figure 4-4:** Image caption for my second image

Table **A**

Figure 4-**2**

Table **C**

Figure 4-**4**

```

p.TableCaption
{
mc-auto-number-format: '
T {b}Table {A+}{/b}: '
}

p.ImageCaption
{
mc-auto-number-format: '
F {b}Figure {chapnum}-{n+}{/b}: '
}

```

## Solution:

Add series labels to move them into separate lanes. The actual label value is arbitrary

### Chapter 4: Topic 7

Table Row	Table Row
-----------	-----------

**Table A:** Table caption for my first table



**Figure 4-1:** Image caption for my first image

Table Row	Table Row
-----------	-----------

**Table B:** Table caption for my second table



**Figure 4-2:** Image caption for my second image

Table **A**

Figure 4-**1**

Table **B**

Figure 4-**2**

# EXTENDING **SERIES LABELS** BEYOND TOPICS

---

Using the C, S, or G series label prefix extends autonumber formats beyond just topics

- **CH:** Specifies a **chapter-wide** series labeled “H”
- **SH:** Specifies a **section-wide** series labeled “H”
- **GH:** Specifies a **global series** labeled “H”

If no series label prefix is used, autonumbering restarts with each topic

# QUIZ: SERIES LABELS

Modify Table Captions to be a Global series

```
p.TableCaption
{
mc-auto-number-format: '
T:{b}Table {A+}{/b}: ' ;
}
```

Answer:

```
p.TableCaption
{
mc-auto-number-format: '
GT:{b}Table {A+}{/b}: ' ;
}
```

Modify Image Captions to be a Chapter-wide series

```
p.ImageCaption
{
mc-auto-number-format: '
F:{b}Figure {chapnum}-{n+}{/b}: ' ;
}
```

Answer:

```
p.ImageCaption
{
mc-auto-number-format: '
CF:{b}Figure {chapnum}-{n+}{/b}: ' ;
}
```

# UNDERSTANDING COUNTERS

---

Counters specify what types of numbers should be used and how they should be incremented



# HOW COUNTERS ARE CONSTRUCTED

---



Display Style

Increment Command

# HOW COUNTERS ARE CONSTRUCTED

$\{n+\}$

Display Style	
n	Numeric
R	Uppercase roman
r	Lowercase roman
A	Uppercase alphabetic
a	Lowercase alphabetic
	Don't display a value

Increment Command	
$\{n\}$	Retains current counter value and displays it
$\{n=1\}$	Resets the counter value to 1 and displays it. Can use any number
$\{=0\}$	Resets the counter value to 0 and does not display. Can use any number
$\{n+\}$	Increments the counter value and displays it
$\{\}$	Retains the current counter value and does not display it

# CHAPTERS, SECTIONS, AND VOLUMES

---

{chapnum}	Displays the current chapter number
{secnum}	Displays the current section number
{volnum}	Displays the current volume number

Rely chapter breaks or section breaks in the TOC,  
which you set manually

# QUIZ: CHAPTERS AND COUNTERS

---

mc-auto-number-format

Result

'Chapter {chapnum}: '

Chapter 1

'N:Step {A=1} '

Step A

'N:Step {A+} '

Step B

'CF: Figure {chapnum}-{r+}:'

Figure 1-i

Figure 1-ii

# QUIZ: CHAPTERS AND COUNTERS

Result

mc-auto-number-format

Figure 1-i

Figure 1-ii

Where “1” is the chapter number

'CF: Figure {chapnum}-{r+}:'

1.

2.

2.1

2.1.1

'O:{n+}.'

'O:{n}.{n+}'

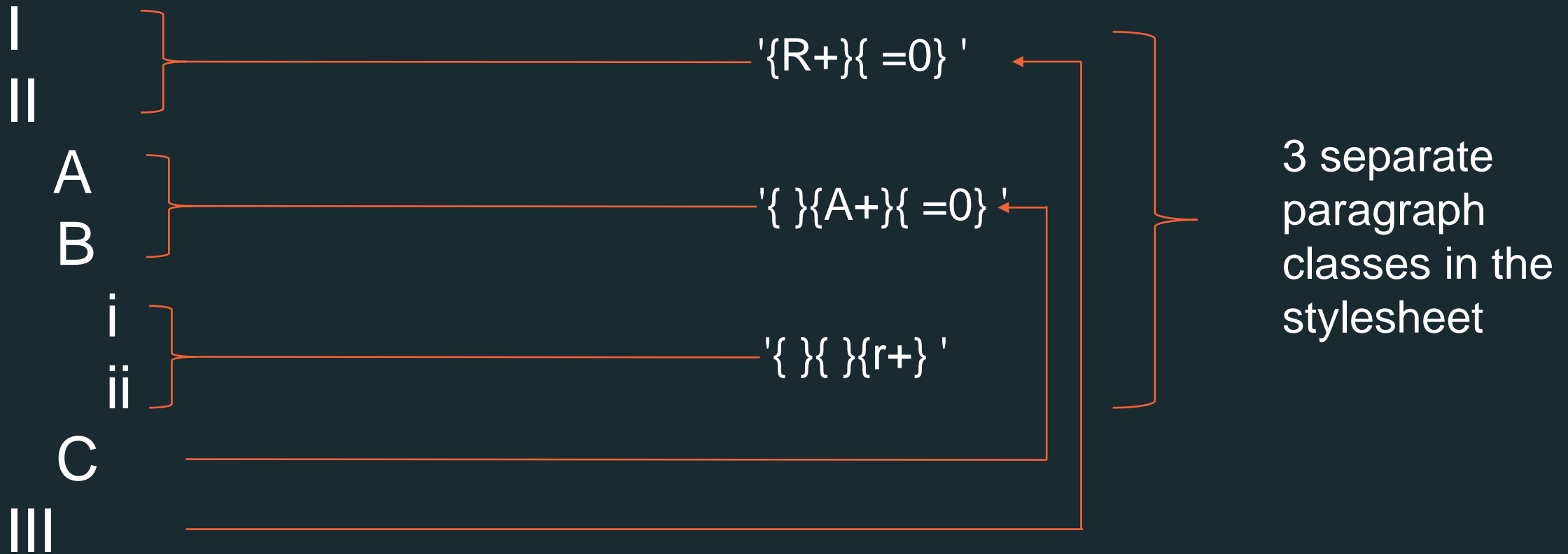
'O:{n}.{n}.{n+}'

3 separate  
paragraph  
classes in the  
stylesheet

# QUIZ: CHAPTERS AND COUNTERS

Result

mc-autonumber-format



The remainder of this presentation is  
live Flare demonstration.

---

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