

Keywords	Test 01		Test 02		Test 03		Test 04		Test 05		1	2	3	4	5	6	#	1	3	5	2	4	6
	a, m, b		a m b		as ms b bb		a, m, b, a m b		x, y, z, a m b		Simple		Hierarchical		Hierarchical			'dc'			'hr'		
	Subject	HR subject	Subject	HR subject	Subject	HR subject	Subject	HR subject	Subject	HR subject	'dc'	'hr'	'dc'	'hr'	'dc'	'hr'		S	HC	H	S	HC	H
ACDSee	a, m, b		a m b		as ms b bb		a, a m b, m, b		a m b, x, y, z		A				A		1	A		A			
ACDSee (ALL assigned) *IPTC only?	a, m, b		a, a m, a m b		as, as ms, as ms b, as ms b bb		a, a m, a m b, m, b		a, a m, a m b, x, y, z		A		A		AC		8	A	A	AC			
Adobe Bridge	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z	A	A			A	A	2	A		A	A		A
Adobe Bridge (2)	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z													
Adobe Bridge (3)	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z													
Capture One	a, m, b	a, m, b	a, m, b	a, a m, a m b	as, ms, b, bb	as ms b bb	a, m, b	a, a m, a m b, m, b	a, m, b, x, y, z	a, a m, a m b, x, y, z	A	A	A	F		AC	3	A	A		A	F	AC
ExifPro	a, b, m		a m b		as ms b bb		a, a m b, b, m		a m b, x, y, z		A				A		1	A		A			
IMatch (Both Options)	a, m, b	a, m, b	a, m, b	a m b	as, ms, b, bb	as ms b bb	a, m, b	a, m, b, a m b	a, m, b, x, y, z	a m b, x, y, z	A	A	A			A	4	A	A		A		A
IMatch (First Option)	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z	A	A			A	A	2	A		A	A		A
IMatch (Neither option)	a, m, b	a, m, b	b	a m b	bb	as ms b bb	a, m, b	a, m, b, a m b	b, x, y, z	a m b, x, y, z	A	A	L			A	5	A	L		A		A
Lightroom	a, b, m	a, b, m	a, b, m	a m b	as, ms, b, bb	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	4	A	A		A		A
PhotoLab 5.1.4	a, b, m	a, b, m	a, b, m	a m b	as, ms, b, bb	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	4	A	A		A		A
PhotoLab 5.1.4 (ALL assigned)	a, b, m	a, b, m	a, b, m	a, a m, a m b	as, ms, b, bb	as ms b bb	a, b, m	a, a m, a m b, b, m	a, m, b	a, a m, a m b, x, y, z	A	A	A	F		AC	3	A	A		A	F	AC
PhotoLab 5.2.0	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A	5	A	L		A		A
PhotoLab 5.2.0 (ALL assigned)	a, b, m	a, b, m	a, b, m	a, a m, a m b	as, ms, b, bb	as ms b bb	a, b, m	a, a m, a m b, b, m	a, b, m, x, y, z	a, a m, a m b, x, y, z	A	A	A	F		AC	3	A	A		A	F	AC
Photo Mechanic	a, m, b			a m b		as ms b bb	a, m, b	a m b		x, y, z, a m b	A					A	6	A					A
Photo Mechanic (2)	a, m, b		a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a m b	x, y, z, a m b	a m b	A				A	A	7	A		A			A
Zoner	a, m, b		a m b		as ms b bb		a, m, b, a m b		x, y, z, a m b		A				A		1	A		A			

A=All  
 F=First  
 L=Last  
 AC=All Combinations  
 For A|B|C|D then 'AC' = A|B|C|D, A|B|C, A|B & A

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	
1	Test 01		Test 02		Test 03		Test 04		Test 05																
2	Keywords		a, m, b		a m b		as ms b bb		a, m, b, a m b		x, y, z, a m b														
3	Simple		a, m, b		a, m, b		as, ms, b, bb		a, m, b		x, y, z														
4	Hierarchical components (HC)		a, m, b		a, m, b		as, ms, b, bb		a, m, b		a, m, b														
5	Hierarchical components - L		b		bb		b		b		b														
6	Hierarchical components - F		a		as		a		a		a														
7	Hierarchical Keywords (H)		a m b		as ms b bb		a m b		a m b		a m b														
8	Hierarchical Keywords - AC		a m b, a m, a		as ms b bb, as ms b, as ms, as		a m b, a m, a		a m b, a m, a		a m b, a m, a														
9	Packages		Subject	HR subject	Subject	HR subject	Subject	HR subject	Subject	HR subject	Subject	HR subject	By Keyword "Type"						By Destination field						
													1	2	3	4	5	6	#	1	3	5	2	4	6
													Simple		HC		H			'dc'			'hr'		
													'dc'	'hr'	'dc'	'hr'	'dc'	'hr'		S	HC	H	S	HC	H
10	ACDSee	a, m, b		a m b		as ms b bb		a, a m b, m, b		a m b, x, y, z		A					A		1	A		A			
11	ACDSee (ALL assigned) *IPTC only?	a, m, b		a, a m, a m b		as, as ms, as ms b, as ms b bb		a, a m, a m b, m, b		a, a m, a m b, x, y, z		A		A			AC		8	A	A	AC			
12	Adobe Bridge	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z	A	A				A	A	2	A		A	A		A
13	Adobe Bridge (2)	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z														
14	Adobe Bridge (3)	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z														
15	Capture One	a, m, b	a, m, b	a, m, b	a, a m, a m b	as, ms, b, bb	as, as ms, as ms b, as ms b bb	a, m, b	a, a m, a m b, m, b	a, m, b, x, y, z	a, a m, a m b, x, y, z	A	A	A	F		AC		3	A	A		A	F	AC
16	ExifPro	a, b, m		a m b		as ms b bb		a, a m b, b, m		a m b, x, y, z		A					A		1	A		A			
17	IMatch (Both Options)	a, m, b	a, m, b	a, m, b	a m b	as, ms, b, bb	as ms b bb	a, m, b	a, m, b, a m b	a, m, b, x, y, z	a m b, x, y, z	A	A	A			A		4	A	A		A		A
18	IMatch (First Option)	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z	A	A				A	A	2	A		A	A		A
19	IMatch (Neither option)	a, m, b	a, m, b	b	a m b	bb	as ms b bb	a, m, b	a, m, b, a m b	b, x, y, z	a m b, x, y, z	A	A	L			A		5	A	L		A		A
20	Lightroom	a, b, m	a, b, m	a, b, m	a m b	as, ms, b, bb	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A		4	A	A		A		A
21	PhotoLab 5.1.4	a, b, m	a, b, m	a, b, m	a m b	as, ms, b, bb	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A		4	A	A		A		A
22	PhotoLab 5.1.4 (ALL assigned)	a, b, m	a, b, m	a, b, m	a, a m, a m b	as, ms, b, bb	as, as ms, as ms b, as ms b bb	a, b, m	a, a m, a m b, b, m	a, b, m	a, a m, a m b, x, y, z	A	A	A	F		AC		3	A	A		A	F	AC
23	PhotoLab 5.2.0	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A		5	A	L		A		A
24	PhotoLab 5.2.0 (ALL assigned)	a, b, m	a, b, m	a, b, m	a, a m, a m b	as, ms, b, bb	as, as ms, as ms b, as ms b bb	a, b, m	a, a m, a m b, b, m	a, b, m, x, y, z	a, a m, a m b, x, y, z	A	A	A	F		AC		3	A	A		A	F	AC
25	Photo Mechanic	a, m, b		a m b	a m b	as ms b bb	as ms b bb	a, m, b	a m b		x, y, z, a m b	A					A		6	A					A
26	Photo Mechanic (2)	a, m, b		a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a m b	x, y, z, a m b	a m b	A					A	A	7	A		A			A
27	Zoner	a, m, b		a m b		as ms b bb		a, m, b, a m b		x, y, z, a m b		A					A		1	A		A			

A= All  
F=First  
L=Last  
AC=All Combinations

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Keywords	Test 01		Test 02		Test 03		Test 04		Test 05		1	2	3	4	5	6	#	
2		a, m, b		a m b		as ms b bb		a, m, b, a m b		x, y, z, a m b		Simple		HC		H			
3		Subject	HR subject	Subject	HR subject	Subject	HR subject	Subject	HR subject	Subject	HR subject	'dc'	'hr'	'dc'	'hr'	'dc'	'hr'		
4	ACDSee	a, m, b		a m b		as ms b bb		a, m, b, a m b		a m b, x, y, z		C				A		1	
5	PL5.1.4 Export	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	A	4
6	PL5.2.0 Export	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A	A	5
7	Adobe Bridge	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, b, m, a m b	a, b, m, a m b	a m b, x, y, z	a m b, x, y, z	A	A			A	A	2	
8	PL5.1.4 Export	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	A	4
9	PL5.2.0 Export	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A	A	5
10	Capture One	a, m, b	a, m, b	a, m, b	a, a m , a m b	as, ms, b, bb	as, as ms, as ms b,	a, m, b	a, m, b, a m, a m b	a, m, b, x, y, z	a, a m, a m b, x, y, z	A	A	A	F		AC	A	3
11	PL5.1.4 Export	a, b, m	a, b, m	a, b, m	a, a m , a m b	as, b, bb, ms	as, as ms, as ms b,	a, b, m	a, a m, a m b, b, m	a, b, m, x, y, z	a, a m, a m b, x, y, z	A	A	A	F		AC	A	3
12	PL5.2.0 Export	a, b, m	a, b, m	a, b, m	a, a m , a m b	as, b, bb, ms	as, as ms, as ms b,	a, b, m	a, a m, a m b, b, m	a, b, m, x, y, z	a, a m, a m b, x, y, z	A	A	A	F		AC	A	3
13	ExifPro	a, m, b		a m b		as ms b bb		a, a m b, b, m		a m b, x, y, z		A				A		1	
14	PL5.1.4 Export	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	A	4
15	PL5.2.0 Export	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A	A	5
16	IMatch (Both Options)	a, m, b	a, m, b	a, m, b,	a m b	as, ms, b, bb	as ms b bb	a, m, b	a, m, b, a m b	a, m, b, x, y, z	a m b, x, y, z	A	A	A			A	A	4
17	PL5.1.4 Export	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	A	4
18	PL5.2.0 Export	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A	A	5
19	IMatch (First Option)	a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z	A	A			A	A	2	
20	PL5.1.4 Export	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	A	4
21	PL5.2.0 Export	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A	A	5
22	IMatch (Neither option)	a, m, b	a, m, b	b	a m b	bb	as ms b bb	a, m, b	a, m, b, a m b	b, x, y, z	a m b, x, y, z	A	A	L			A	A	5
23	PL5.1.4 Export	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	A	4
24	PL5.2.0 Export	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A	A	5
25	Lightroom	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	A	4
26	PL5.1.4 Export	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	A	4
27	PL5.2.0 Export	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A	A	5
28	PhotoLab 5.1.4	a, b, m	a, b, m	a, b, m	a m b	as, ms, b, bb	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A			A	A	4
29	PL5.2.0 Export	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L			A	A	5

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
30	<b>PhotoLab 5.1.4 (ALL assigned)</b>	a, b, m	a, b, m	a, b, m	a, a m, a m b	as, ms, b, bb	as, as  ms, as ms b,	a, b, m	a, a m, a m b, b, m	a, b, m	a, a m, a m b, b, m	A	A	A	F		AC	3	
31	<b>PL5.2.0 Export</b>	a, b, m	a, b, m	a, b, m	a m b	as, ms, b, bb	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a, a m, a m b, x, y, z	A	A	A	F		AC	3	
32	<b>PhotoLab 5.2.0</b>	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L				A	5
33	<b>PhotoLab 5.2.0 (ALL assigned)</b>	a, b, m	a, b, m	a, b, m	a, a m, a m b	as, ms, b, bb	as, as  ms, as ms b,	a, b, m	a, a m, a m b, b, m	a, b, m, x, y, z	a, a m, a m b, x, y, z	A	A	A	F		AC	3	
34	<b>Photo Mechanic</b>	a, m, b			a m b		as ms b bb	a, m, b, a m b	a m b		a m b x, y, z	A						A	6
35	<b>PL5.1.4 Export</b>	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a m b	a, b, m, x, y, z	a m b	A	A	A				A	4
36	<b>PL5.2.0 Export</b>	a, b, m	a, b, m	b	a m b	bb	as ms b bb	b	a m b	b	a m b, x, y, z	A	A	L				A	5
37	<b>Photo Mechanic (2)</b>	a, m, b		a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a m b	a m b, x, y, z	a m b	A		A		A	A	A	7
38	<b>PL5.1.4 Export</b>	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a m b	a, b, m, x, y, z	a m b, x, y, z	A	A	A				A	4
39	<b>PL5.2.0 Export</b>	a, b, m	a, b, m	b	a m b	bb	as ms b bb	b	a m b	b, x, y, z	a m b, x, y, z	A	A	L				A	5
40	<b>Zoner</b>	a, m, b		a m b		as ms b bb		a m b, a, m, b,		a m b, x, y, z		A				A			1
41	<b>PL5.1.4 Export</b>	a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z	A	A	A				A	4
42	<b>PL5.2.0 Export</b>	a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z	A	A	L				A	5
43																			
44																			
45																			
46																			
47																			

A = All  
 F=First  
 L=Last  
 AC=All Combinations  
 For A|B|C|D then 'AC' = A|B|C|D, A|B|C, A|B & A

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1		#		1	2	3	4	5	6		Test 01		Test 02		Test 03		Test 04		Test 05	
2	Keywords			Simple		Hierarchical components		Hierarchical Keyword			a, m, b		a m b		as ms b bb		a, m, b, a m b		x, y, z, a m b	
3	Packages			'dc'	'hr'	'dc'	'hr'	'dc'	'hr'		Subject	HR subject	Subject	HR subject	Subject	HR subject	Subject	HR subject	Subject	HR subject
4	ACDSee	1	AC	A				A			a, m, b		a m b		as ms b bb		a, m, b, a m b		a m b, x, y, z	
5	Adobe Bridge	2	AB	A	A			A	A		a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z
6	Capture One	3	CO	A	A	A	F		AC		a, m, b	a, m, b	a, m, b	a, a m, a m b	as, ms, b, bb	as, as ms, as ms b, as ms b bb	a, m, b	a, m, b, a m, a m b	a, m, b, x, y, z	a, a m, a m b, x, y, z
7	ExifPro	1	EX	A				A			a, m, b		a m b		as ms b bb		a, a m b, b, m		a m b, x, y, z	
8	IMatch (Both Options)	4	IMB	A	A	A			A		a, m, b	a, m, b	a, m, b,	a m b	as, ms, b, bb	as ms b bb	a, m, b	a, m, b, a m b	a, m, b, x, y, z	a m b, x, y, z
9	IMatch (First Option)	2	IMF	A	A			A	A		a, m, b	a, m, b	a m b	a m b	as ms b bb	as ms b bb	a, m, b, a m b	a, m, b, a m b	a m b, x, y, z	a m b, x, y, z
10	IMatch (Neither option)	5	IMN	A	A	L			A		a, m, b	a, m, b	b	a m b	bb	as ms b bb	a, m, b	a, m, b, a m b	b, x, y, z	a m b, x, y, z
11	Lightroom	4	LR	A	A	A			A		a, b, m	a, b, m	a, b, m	a m b	as, b, bb, ms	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z
12	PhotoLab 5.1.4	4	PL1	A	A	A			A		a, b, m	a, b, m	a, b, m	a m b	as, ms, b, bb	as ms b bb	a, b, m	a, a m b, b, m	a, b, m, x, y, z	a m b, x, y, z
13	PhotoLab 5.1.4 (ALL assigned)	3	PL1A	A	A	A	F		AC		a, b, m	a, b, m	a, b, m	a, a m, a m b	as, ms, b, bb	as, as ms, as ms b, as ms b bb	a, b, m	a, a m, a m b, b, m	a, m, b	a, a m, a m b, x, y, z
14	PhotoLab 5.2.0	5	PL2	A	A	L			A		a, b, m	a, b, m	b	a m b	bb	as ms b bb	a, b, m	a, a m b, b, m	b, x, y, z	a m b, x, y, z
15	PhotoLab 5.2.0 (ALL assigned)	3	PL2A	A	A	A	F		AC		a, b, m	a, b, m	a, b, m	a, a m, a m b	as, ms, b, bb	as, as ms, as ms b, as ms b bb	a, b, m	a, a m, a m b, b, m	a, b, m, x, y, z	a, a m, a m b, x, y, z
16	Photo Mechanic	6	PM1	A					A		a, m, b		a m b		as ms b bb		a, m, b		a m b	
17	Photo Mechanic (2)	7	PM2	A				A	A		a, m, b		a m b		a m b		a, m, b, a m b		a m b	
18	Zoner	1	ZN	A				A			a, m, b		a m b		as ms b bb		a m b, a, m, b,		x, y, z, a m b	
19											A = All									
20											F=First									
21											L=Last									
22											AC=All Combinations									
23											For A B C D then 'AC' = A B C D, A B C, A B & A									