

These headers are the same as the corresponding row headers. Thus they are not shown for space economy. Instead, different visual aids are used on the row headers.

+ maven-script-beanshell
+ maven-script-ant
+ maven-core
+ maven-plugin-registry
+ maven-monitor
+ maven-plugin-parameter-documenter
+ maven-reporting-api
+ maven-project
+ maven-profile
+ maven-plugin-descriptor
+ maven-plugin-api
+ maven-error-diagnostics
+ maven-artifact-test
+ maven-settings
+ maven-model
+ maven-artifact-manager
+ maven-repository-metadata
+ maven-artifact

+ maven-script-beanshell	-																			
+ maven-script-ant	-																			
+ maven-core			-																	
+ maven-plugin-registry			65	-																
+ maven-monitor			58		-															
+ maven-plugin-parameter-documenter			13			-														
+ maven-reporting-api			5				-													
+ maven-project			...					-												
+ maven-profile								11	-											
+ maven-plugin-descriptor			...							-										
+ maven-plugin-api	12	6	49							1	-									
+ maven-error-diagnostics			32																	
+ maven-artifact-test																				
+ maven-settings			...					16						5						
+ maven-model			59					57						
+ maven-artifact-manager			35					10						2						
+ maven-repository-metadata			5					6											...	
+ maven-artifact				1				11					...	

This means that maven-core module has many (>99) dependencies from maven-project module

Column shows dependencies of the selected row

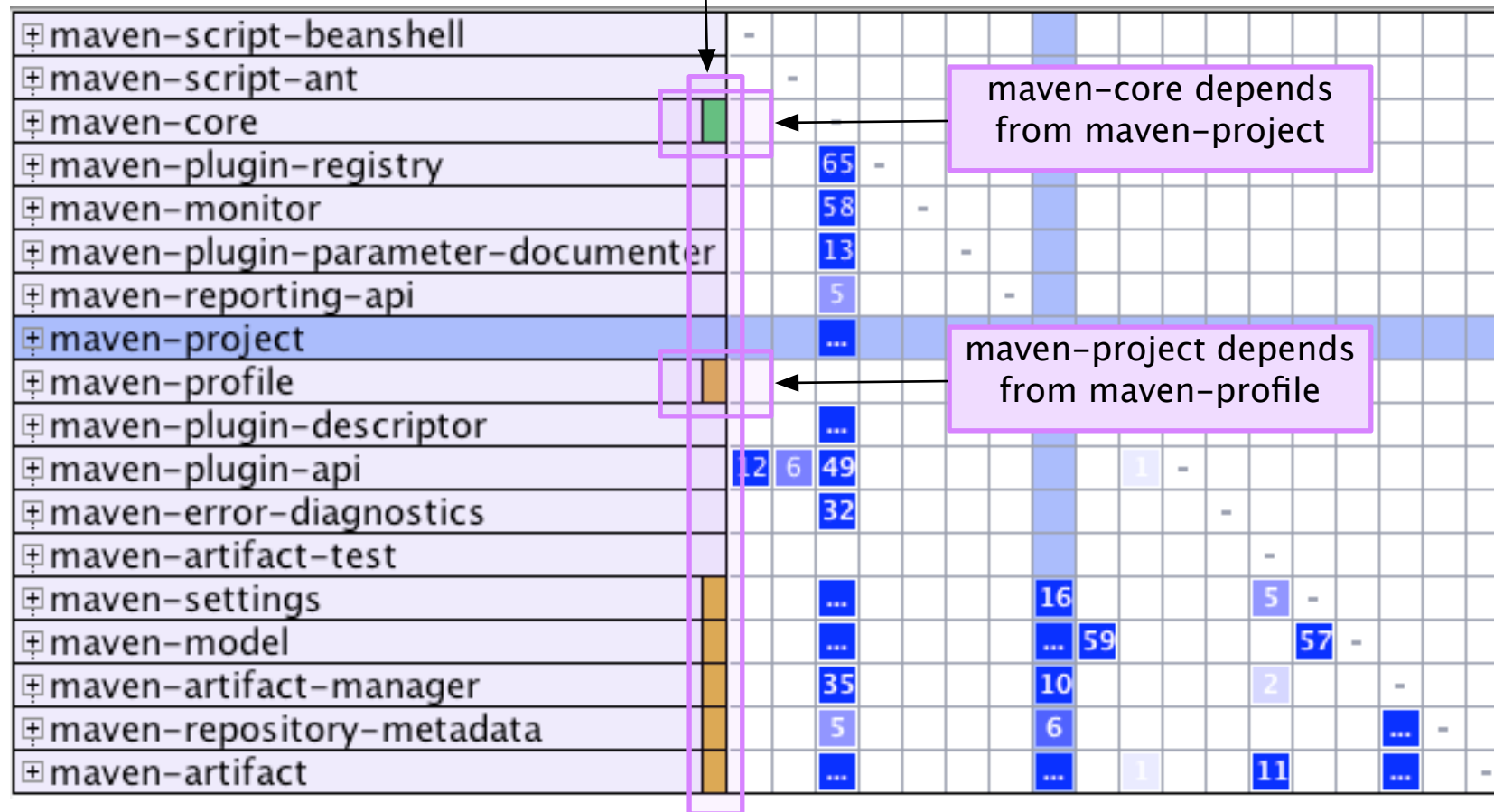
Row shows dependencies from the selected row

Rows can be selected to visualize row dependencies

+	maven-script-beanshell	-																		
+	maven-script-ant	-																		
+	maven-core	-																		
+	maven-plugin-registry		65	-																
+	maven-monitor		58	-																
+	maven-plugin-parameter-documenter		13	-																
+	maven-reporting-api		5																	
+	maven-project		...																	
+	maven-profile																			
+	maven-plugin-descriptor		...																	
+	maven-plugin-api	12	6	49																
+	maven-error-diagnostics		32																	
+	maven-artifact-test																			
+	maven-settings		...																	
+	maven-model		...																	
+	maven-artifact-manager		35																	
+	maven-repository-metadata		5																	
+	maven-artifact		...																	

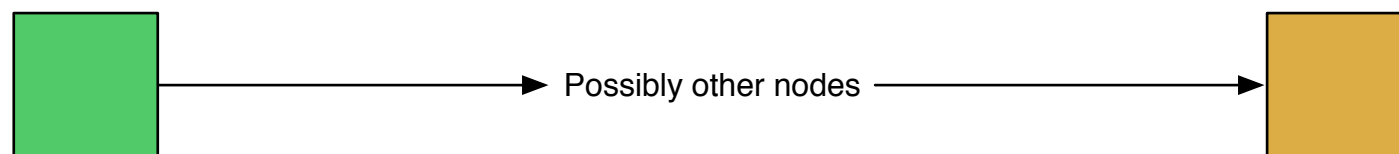
This means that maven-project module has 16 dependencies from maven-settings module

This color annotations help to visualize row dependencies at a glance



Simple Mnemonics

All dependencies always "flow" from Green to Yellow

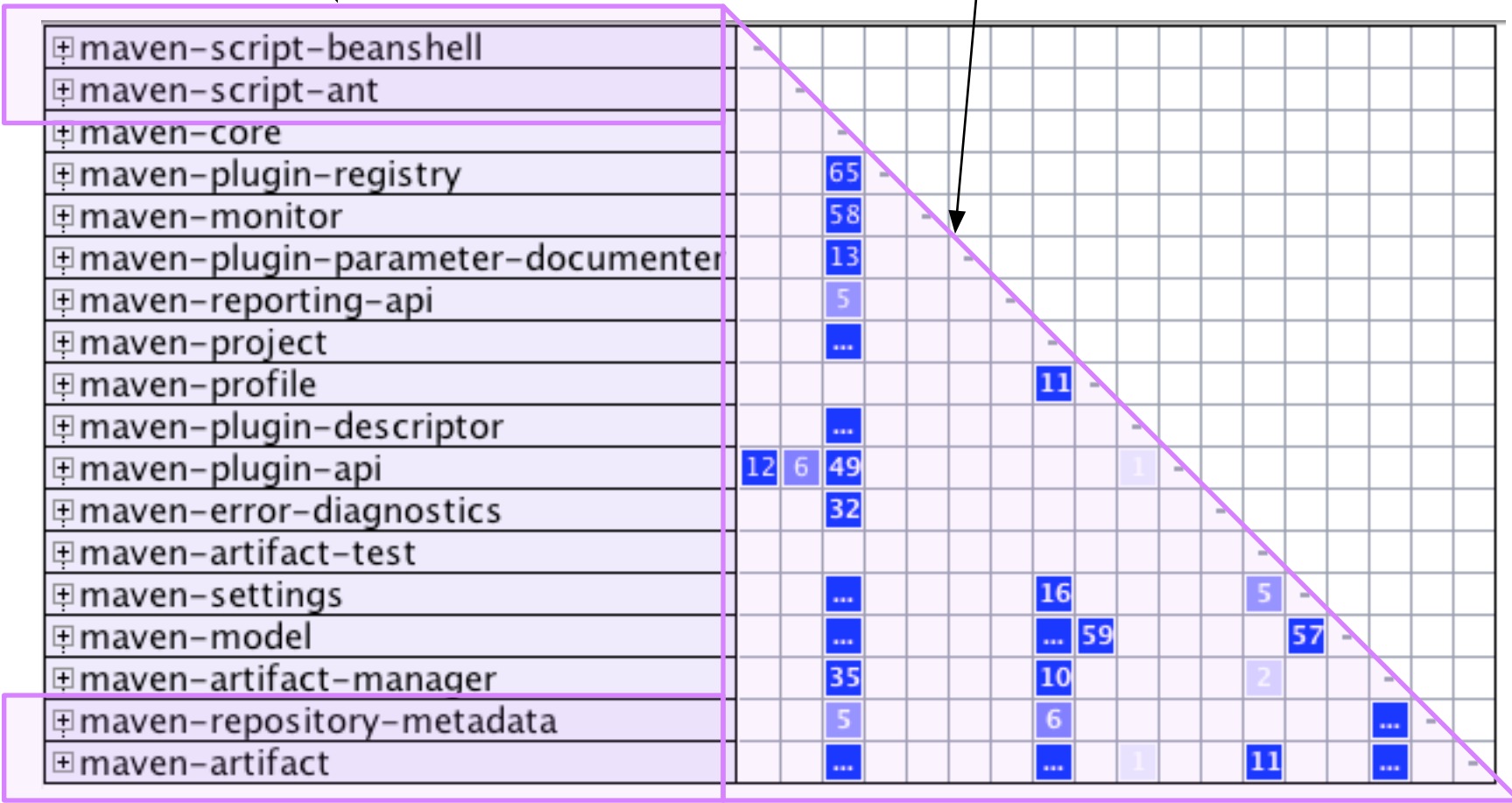


⊞ maven-script-beanshell	-																			
⊞ maven-script-ant	-																			
⊞ maven-core				-																
⊞ maven-plugin-registry				65	-															
⊞ maven-monitor				58	-															
⊞ maven-plugin-parameter-documenter				13		-														
⊞ maven-reporting-api				5				-												
⊞ maven-project				...				-												
⊞ maven-profile								11	-											
⊞ maven-plugin-descriptor				...						-										
⊞ maven-plugin-api	12	6	49								1	-								
⊞ maven-error-diagnostics				32																
⊞ maven-artifact-test																				
⊞ maven-settings				...				16												
⊞ maven-model				59										
⊞ maven-artifact-manager				35				10												
⊞ maven-repository-metadata				5				6										...	-	
⊞ maven-artifact					1			11				...		-	

This cell was selected. It means that maven-project has 16 dependencies from maven-settings. Remember the mnemonics: from Green to Yellow.

These are the highest-level modules. Note that their sorting can be arbitrary

Instead of alphabetically sorting rows, DSM view performs a special kind of dependency sorting: classes, which are used most are moved to the bottom. In a project with good structure this creates a lower-triangular form.



These are the lowest-level modules. Note that their sorting can be arbitrary

Sometimes dependency sorting is impossible, because dependencies form a cycle. IDEA highlights cycles with red squares. No package can be removed from the cycle without breaking a dependency.

	maven-core	org	apache	maven						
cli										
lifecycle									6	
extension					5					
usability								3	1	
plugin							1	8		
*					12	28			1	
reactor										32
monitor					2				2	
execution					14	97			54	94

IDEA resorts row to minimize dependencies in the upper-right corner thus emphasizing an easy to detect work front.

Mutual dependencies are shown with red color. It means that plugin and usability packages are both dependent from each other.

Vertical lines represent "aggregators".

⊕ maven-script-beanshell	-																		
⊕ maven-script-ant	-																		
⊕ maven-core																			
⊕ maven-plugin-registry			65																
⊕ maven-monitor			58			-													
⊕ maven-plugin-parameter-documenter			13			-													
⊕ maven-reporting-api			5			-													
⊕ maven-project			...																
⊕ maven-profile							11												
⊕ maven-plugin-descriptor			...																
⊕ maven-plugin-api		12	6	49					1										
⊕ maven-error-diagnostics				32															
⊕ maven-artifact-test																			
⊕ maven-settings				...			16					5							
⊕ maven-model				59				57							
⊕ maven-artifact-manager				35			10					2							
⊕ maven-repository-metadata				5			6											...	
⊕ maven-artifact					1			11						...	

maven-artifact			transform			-																	
			installer			2	-																
			factory					-															
			deployer			2			-														
			resolver			4				-					2	5			2	3			
			repository			8	2		4	21	-	6			2	8			3				
			metadata							22	24	-			6			1					
			InvalidRepositoryException																				
			DependencyResolutionRequiredException																				
			ArtifactUtils																				
			DefaultArtifact						2						12	-							
			InvalidArtifactRTEException													8	-						
ArtifactStatus																							
Artifact			6	2	41	2	...	18	14		1	28	20			-	8						
versioning					25		59					4	32			5	-						
handler					5			9				2	10			2				-			

Horizontal lines occur in lowest-level or utility functionality