File operations	Glyph	Connections	Semantics	
Reference Line - No change during this period				A II
Change occurred to the metadata of the leaf file only				Delete File
Change occurred to content of a leaf file only				New File
File Deletion	1			Modify File Metadata
File Creation	>	>		B
Modify metadata of a file (dates, owner, access etc.)	•	······•		Open File Modify File
Open a file (access to content)	0	·····O—		C
Modify content of a file (write action)		-	Must open then modify	
Move file (deletion then creation)	↑			
Copy a file (access then creation)	4			
Create a shortcut (symbolic link) (metadata then creation)	_			Move File
Delete a directory	41			
Create a directory	▶∥	N		Create Shortcut
Modify directory metadata				D
Open a directory	0	O		New Directory
Modify content of a directory, implicitly defined by events in files, but can be used for summarisation			OHOH Must open then modify	Modify Directory Metadata
Move directory	T	•••••		
Copy a directory	•			Directory Directory
Create a shortcut (symbolic link) to directory	•			Move Directory
Mount file system		3		i
Unmount file system	X	X		