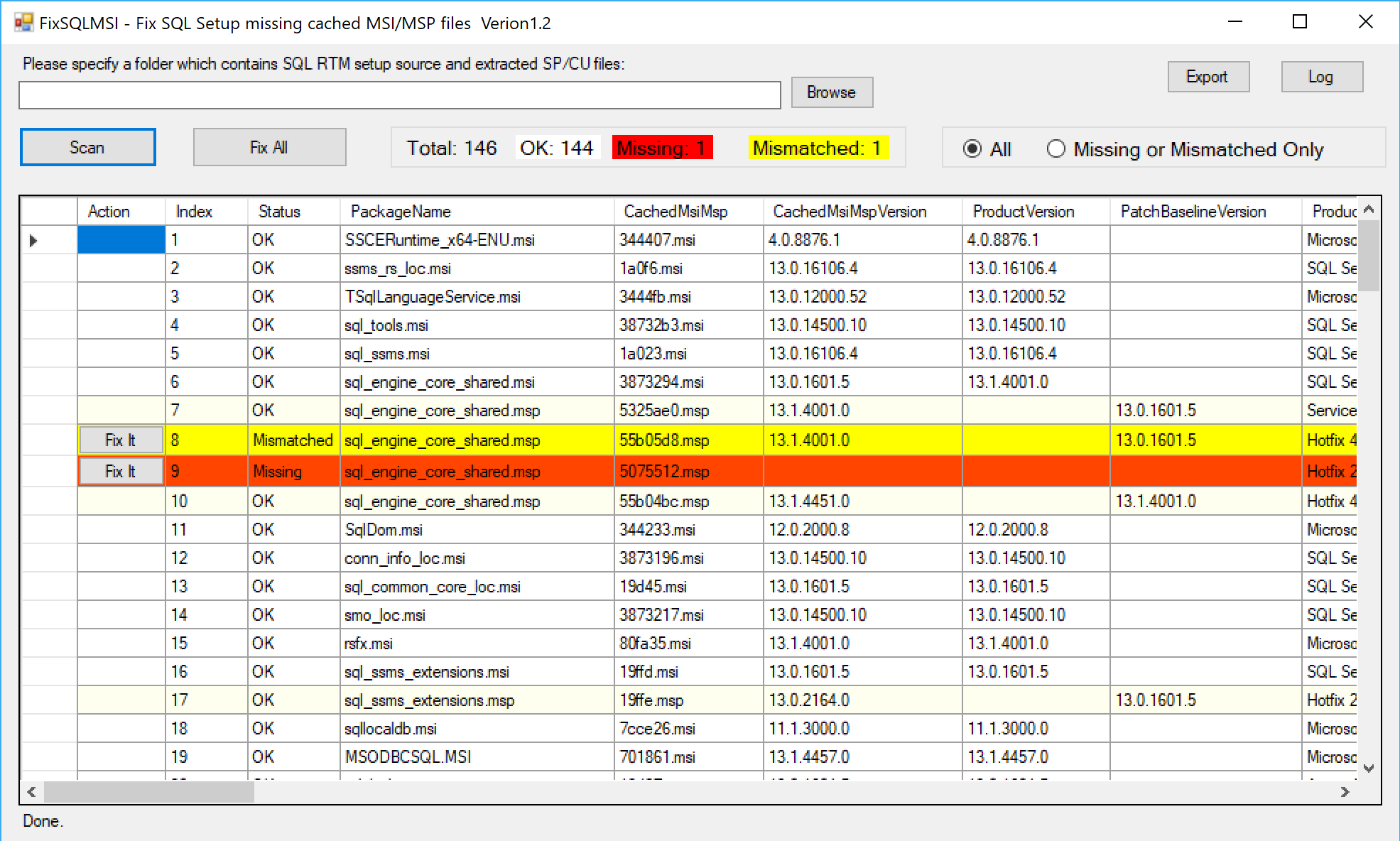
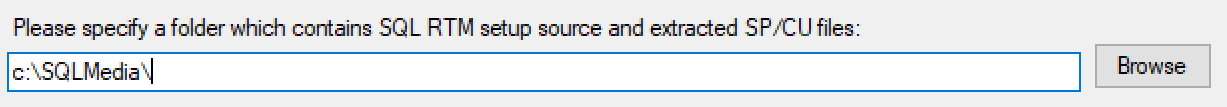
**FixSQLMSI Readme**





If you specify this folder, this tool will scan all those \*.MSI and \*.MSP files inside it and use their product code to scan the registry key, to find out whether any cached MSI/MSP files are missing in C:\WINDOWS\INSTALLER directory, and if missing the tool will prepare the command to fix it.

If you don’t specify this folder the tool will scan registry key and find out those installed products using keyword of “SQL”, so the report could be invalid or incomplete because not all product which product name contains “SQL” is shipped by SQL server, and some SQL server feature doesn’t contain string “SQL”. But of course most important SQL server features will have string “SQL” so the report is pretty good in most cases.

The best practice is that you put SQL server RTM setup media and all subsequent service packs, CUs to the same folder, for example:

C:\SQLMedia\RTM

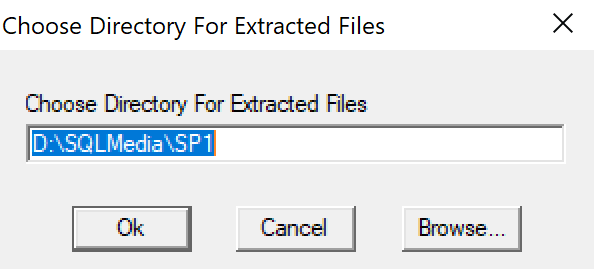
C:\SQLMedia\SP1

C:\SQLMedia\SP1CU1

…

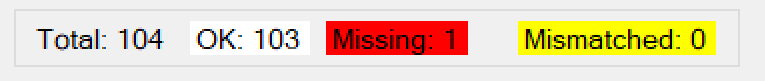
If you download service packs or CUs from the website, **please remember to extract its package using X switch to the folder**. For example, below command extract SP1 to SP1 subfolder:

SQLServer2016SP1-KB3182545-x64-ENU.exe /X



**If you don’t extract the package it is not helpful.**

2.

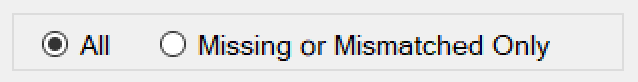


**OK** means cached MSI/MSP exists and their product version matched.

**Missing** means the cached MSI/MSP files are missing.

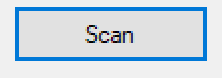
**Mismatched** means cached file are there but their product name or version are not matched the expected values.

3.



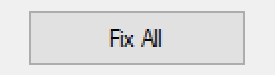
The option is to switch how the grid shows the data

4.



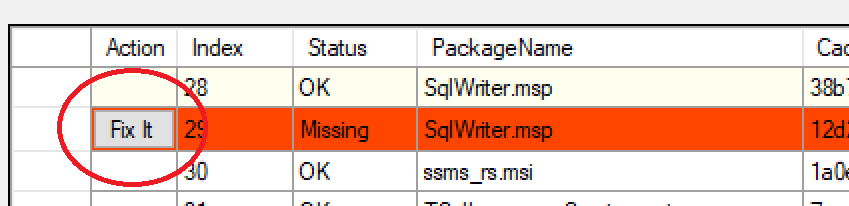
Scan the registry key to find SQL server products. If setup source folder specified, it will use the product code from the source folder to filter the results, otherwise use string “SQL” to get related records.

5.



Fix all missing/mismatched automatically. However if expected MSI/MSP file is not found from setup source folder or lastUserSource the fix will fail.

6.



“Fix It” Action will try to fix the missing MSI/MSP for this item.