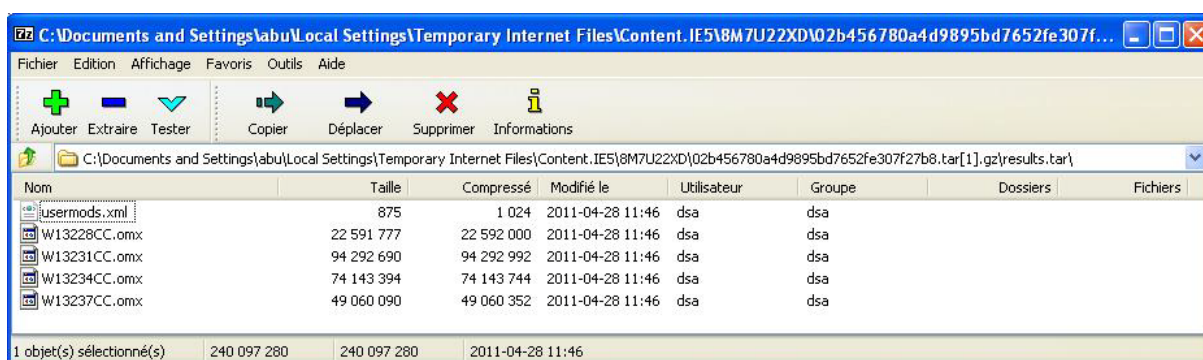


<https://msda.unistra.fr>

MSDA tutorial: How to read OMSSA result files

OMX files are XML-like text files and should be read by an OMX viewer.

- OMX files can be read with software like [OpenMS](#) or [Scaffold](#) (commercial). A XML parser may also be used to transform OMX files to Excel files.
- The user's PTMs are stored in a usermods.xml file, which is given in the result files. It contains the definitions of the PTMs used in your search. The software you will use to read the OMX files may need this file.



It is important to understand that **no PTM definitions are contained in the OMX files**. It only refers to the PTMs in this file, using the PTM ids. Therefore, you should always use the usermod file created for your search (otherwise you might see other modifications, or even see no modification at all). On the contrary if you did not use user modifications, you won't need this file.

Be aware that the OMX files are in fact XML files, which is a very verbose format. This is why OMX files are so heavy.