Common file system directory tree for all IPTC standards
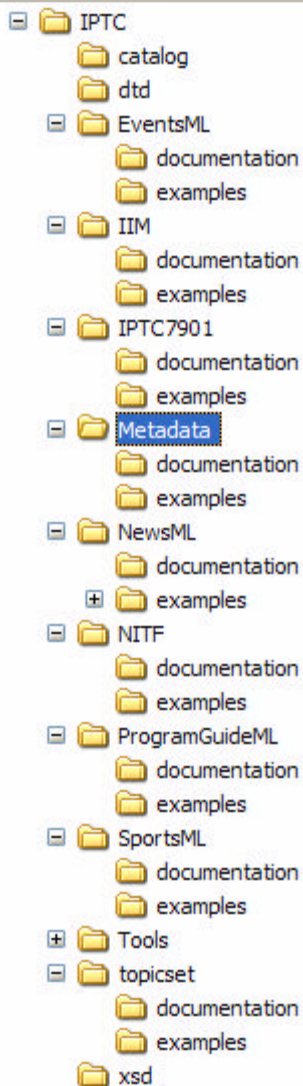
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Date: 2003-07-04, updated 2003-09-29

IPTC provides reference and example files as well as documentation files for all its standards. Most of the files are specific for each IPTC standard but some of them are shared across several of them, primarily between the XML based standards NewsML, NITF, SportsML and the currently upcoming ProgramGuideML.
Since DTDs and XML Schema files might reference external entities and all example instances of IPTC's XML based news formats make use of external references it's a strict requirement to have those external files at a well defined location. For enabling seamless integration of its standards IPTC defines a common directory structure applicable to the currently well known file systems.

This common structure is defined as shown in the graphic below.

Additional explanation:

1. For the use in different file systems the spelling in upper and lower case as shown is mandatory.

2. The root directory of this tree, "IPTC", could be put anywhere in a hosting file system.

3. Four directories are defined for the common use by IPTC's XML based standards:
   - catalog … holds catalog files as defined by the standards
   - dtd … holds the Document Type Definition files for all standards
   - topicset … holds all NewsML Topicset files as defined by the standards
   - xsd … holds the XML Schema files for all standards.

4. For each standard a specific directory is defined under the root directory.
   The name of the directory and its spelling conforms to use of IPTC, usually they start with an uppercase letter.

   The sub-directory "Metadata" holds files regarding the content of metadata specified and administrated by IPTC like documentation, guidelines or supporting resources (e.g. the files for SRS and Topicset submissions).
   The "topicset" sub-directory holds only files where metadata are stored in a NewsML instance in a Topicset element.

5. As new standards will evolve from the work of IPTC, specific directories will be added to the "IPTC" directory. The names are unknown yet but the structure will follow the one outlined in this document.

6. Each standard related directory provides at least two subdirectories:
   - documentation … holds all documentation (see item 7).
   - examples … holds all examples related to this standard (see item 7).

7. The directories described in the previous item are mandatory, additional subdirectories of the standard's directory or of its mandatory directories (documentation, examples) could be introduced by the discretion of the Working Party maintaining the standard.

8. The directory "Tools" will hold IPTC provided software tools in specific subdirectories.

9. All IPTC web sites relating to one or more IPTC standards will provide a copy of this common directory tree having the IPTC-directory at the top level. (E.g: <http://www.iptc.org/IPTC/>.
   Web sites for specific standards have to provide only the four basic directories under IPTC and the specific directory tree of this standard.

10. The naming of all reference files and the supporting material files conform to the "Naming Convention for IPTC Standards Documents", IPTC document STA0307 in its latest revision or as updated by any later document.

11. Packaging files (created with ZIP, RAR, ARC and similar software) maintaining the directory structure should always start from the IPTC directory as root directory – and not from the directory holding the IPTC directory - so these files could be downloaded and saved to the "IPTC" directory and be unpacked from there restoring files to it's original location in the common directory tree.

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