

Personal Classification Schema

The Personal Classification schema contains properties that classify a resource. The idea is to store a personal path to the resource within XMP. For example, the metadata of a photo stored in a database-driven application may have the following items (the **bold** part signifies the actual keyword that is stored in XMP):

*People\Family***John Doe**

*People\Work***John Doe**

*Places\USA\New York***Broadway**

*Collections\2007\January***15**

If the database would be lost then only the keywords could be recovered. On their own, the above keywords would not make sense. If the Personal Classification schema would have been applied then all information would be intact. See the [Example XMP](#) for how the above information would be stored in XMP.

- The schema namespace URI is <http://ns.halligang.se/pcs/1.0/>
- The preferred schema namespace prefix is `pcs`

Property	Value Type	Category	Description
pcs:creator	ProperName	Internal	The person that the schema applies to.
pcs:classification	bag Classification	External	An unordered array of Classification structures.

If there is a mismatch between the creator field and the person working with the schema, a supporting application should:

- ignore the schema when reading.
- completely overwrite the schema when writing.

The Personal Classification schema should be kept in synchronization with the Dublin Core schema, matching `dc:subject` to `pcsc:subject`. The Dublin Core schema should always be considered to be current. See the following table for synchronization recommendations:

dc:subject	pcsc:subject	Recommendation
AnyValue	<MISSING>	Add pcsc:subject.
<MISSING>	AnyValue	Remove the pcsc:subject.

Classification

A structure defining the classification for a resource.

- The field namespace URI is `http://ns.halligang.se/pcs/1.0/c/`
- The preferred field namespace prefix is `pcsc`

Field Name	Value Type	Description
pcsc:subject	Text	A descriptive phrase or keyword of the resource.
pcsc:type	closed Choice of Text	The classification type. One of: descriptive containing
pcsc:path	seq Text	The classification path, from general to specific.

Note: All fields are required in this structure.

A `descriptive` type classifies a subject that describes the content of the resource, for example the name of a person or place in a photo.

A `containing` type classifies a subject that describes in which container the resource belongs, for example the name of an image collection.

Example XMP

This is an example of how the Personal Classification schema could be defined in XMP:

Dumping XMPMeta object "" (0x0)

```
http://ns.halligang.se/pcs/1.0/ pcs: (0x80000000 : schema)
  pcs:creator = "Martin Sanneblad"
  pcs:classification (0x200 : isArray)
    [1] (0x100 : isStruct)
      pcsc:subject = "John Doe"
      pcsc:type = "descriptive"
      pcsc:path (0x600 : isOrdered isArray)
        [1] = "People"
        [2] = "Family"
    [2] (0x100 : isStruct)
      pcsc:subject = "John Doe"
      pcsc:type = "descriptive"
      pcsc:path (0x600 : isOrdered isArray)
        [1] = "People"
        [2] = "Work"
    [3] (0x100 : isStruct)
      pcsc:subject = "Broadway"
      pcsc:type = "descriptive"
      pcsc:path (0x600 : isOrdered isArray)
        [1] = "Places"
        [2] = "USA"
        [3] = "New York"
    [4] (0x100 : isStruct)
      pcsc:subject = "15"
      pcsc:type = "containing"
      pcsc:path (0x600 : isOrdered isArray)
        [1] = "Collections"
        [2] = "2007"
        [3] = "January"
```

Legal

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