

Category Primitive

Goal:

Provide a simple, flexible and open-ended model for the description for “type of Place.”

Categorization schemes and associated ontology’s are highly domain, region, industry-focus and language specific. They are the cultural context of what makes a Place one type and not another.

Our goal is to provide a description framework that can be adapted to different contexts, languages and cultures, while enabling system-to-system information exchange and enablement.

The category description framework should allow for a range of short-list low resolution descriptions to fine grained “type of Place” definition.

This category description does not replace existing industry classification models, rather it enables reference to such standards and local domain derivations from such standards as:

- [Standard Industrial Classification](#) (SIC – United States)
- [North American Industry Classification System](#) (NAICS)
- [United Kingdom Standard Industrial Classification of Economic Activities](#)
- [Russian Economic Activities Classification System \(OKVED\)](#) (Russian)
- [Industry Classification Benchmark](#)
- [Global Industry Classification Standard](#) (GICS)
- [Statistical classification of economic activities in the European Community](#) (NACE)
- [Industry information](#)

Restrictions:

A Place of Interest must have at least one category.

A Place of Interest may have more than one category.

High Level Attribution:

Place Of Interest

...other descriptive primitives

Category : required

Identification : required

Association : required

Category Specific Attributes : optional

Supported by : **Change-Reference** primitive : optional

<to be defined later, for reuse across other primitives and attributes to describe ownership and change data>

<for example below>

Last Updated On : Date/Time (optional)

Updated By : owner / author (optional)

For Use By : public, private, restrictions (optional)

Current Status : Active, blocked, deleted (optional)

Trustworthiness : degree of certainty the author has in the accuracy of the information in the associated primitive, based on a 5 star (high) to 1 star (low) simple rating

Category Attribution Details

Category : required

Identification : required

ID : optional : +Change-Reference : [Uniform Resource Identifier](#) (URI) naming structure of the Category Identification System or Service used for this Category

Language : required : ISO Language Code (3-alpha MARC language)

Name : required : +Change-Reference : multiple allowed for synonyms and exonyms : category short name

Description : optional : +Change-Reference : multiple allowed for synonyms and exonyms : category long description

Association : required

Reference-type : required : +Change-Reference : one of : **Root, Child of**

Reference : required if not "Root" : +Change-Reference : URI of parent category this subcategory refers to

Category Specific Attributes : optional : allows for the definition of attribute value pairs that are particular to the category : see POIWG attribute / value pair primitive

Examples:

Simplest

```
<Place>
  ...other descriptive primitives
  <Category>
    <Identification>
      <ID>poicat://NAICS.ORG/?ident=72211</ID>
      <Name LanguageCode="ENG">Restaurant</Name>
    </Identification>
    <Association>
      <referenceType>Child Of</referenceType>
      <reference>poicat://NAICS.ORG/?ident=7221</reference>
    </Association>
  </Category>
</Place>
```

Average

```
<Place>
  ...other descriptive primitives
  <Category>
    <Identification>
      <ID>poicat://NAICS.ORG/?ident=72211</ID>
      <Name LanguageCode="ENG">Restaurant</Name>
      <Name LanguageCode="ESP">Restaurante</Name>
    </Identification>
  </Category>
</Place>
```

<Name LanguageCode="GER">Gaststätte</Name>

<Name LanguageCode="FRA">Restaurant</Name>

<Description LanguageCode="ENG"> As of 2006, there are approximately 215,000 full-service restaurants in the United States, accounting for \$298 billion, and approximately 250,000 limited-service (fast food) restaurants, accounting for \$260 billion. [\[clarification needed\]](#) [\[5\]](#)

One study of new restaurants in Cleveland, Ohio found that 1 in 4 changed ownership or went out of business after one year, and 6 out of 10 did so after three years. (Not all changes in ownership are indicative of financial failure.) [\[6\]](#) The three-year failure rate for franchises was nearly the same. [\[7\]](#)

</Description>

</Identification>

<Association>

<referenceType>Child Of</referenceType>

<reference>poicat://NAICS.ORG/?ident=7221</reference>

</Association>

<Association>

<referenceType>Child Of</referenceType>

<reference>poicat://NAICS.ORG/?ident=722</reference>

</Association>

</Category>

<Category>

<Identification>

```
<ID>poicat://NAICS.ORG/?ident=72241</ID>
<Name LanguageCode="ENG">Bar/Pub</Name>
<Name LanguageCode="ESP">Barra</Name>
<Name LanguageCode="GER">Leiste</Name>
<Name LanguageCode="FRA">Barre</Name>
</Identification>
<Association>
  <referenceType>Child Of</referenceType>
  <reference>poicat://NAICS.ORG/?ident=7224</
reference>
</Association>
</Category>
</Place>
```