Abstract

RFC4119 updated by RFC5139 defines suffixes for street names and house numbers, but does not define prefixes. Both occur regularly in addresses and CAtypes are needed for them. This memo defines STP prefixes.
Street Prefix and HNP house number prefix CAtypes.

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1. Terminology

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119].

1.1. Prefixes in addressing

In [RFC4119] one can define a PIDF for 123 Main Street but not 123 Boulevard Coranado. There is an STS CAtype for a suffix, but no corresponding prefix. [RFC5139] added PRM Premodifier and POM Postmodifier, but those are not suitable for the purpose.

Similarly, one can express 123B Main, but not H123 Main. Although one can include such letters in the house number, most addressing authorities keep the number numeric only to facilitate sorting, and have prefix and suffix fields for alphanumerics that appear in front of or following the numeric house number.

To remedy this situation, new CAtypes are required: STP for a street (road) prefix, and HNP for a house number prefix.

1.2. Security Considerations

The XML representation described in this document is designed for inclusion in a PIDF-LO document. As such, it is subject to the same security considerations as described in [RFC4119]. Considerations relating to the inclusion of this representation in other XML documents are outside the scope of this document.

1.3. IANA Considerations

This document updates the civic address type registry established by [RFC4776]. Two additional values are added:

<table>
<thead>
<tr>
<th>Value</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>STP</td>
<td>Street (Road) Prefix</td>
</tr>
<tr>
<td>42</td>
<td>HNP</td>
<td>House Number Prefix</td>
</tr>
</tbody>
</table>

2. References

2.1. Normative References


2.2. Informative References


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