NBS DOI Prototype
Robin Cordy
19/6/18
Digital object identifiers
Identification
Persistence
Associated Metadata
Examples from elsewhere

10.1136/bmj.j3418

10.3403/30314118U

10.5240/0FBD-3652-8D1A-EFCF-2D72-G

10.1590/s1678-86212017000400203

10.1111/j.1467-9205.1987.tb00216.x

Wiley Online Library
In use
Each manufacturer product specified will display its DOI.

NBS note: All NBS Plus and National BIM Library products will be given a DOI.
When reporting on products specified, a DOI will be against each product.

NBS Note
Functionality will be developed to check availability of products specified from linked DOI information.
A record specification is created once the installed product is known.
A report can be generated that compares what was specified against what is proposed/was installed.
COBie is the mandated open-data schema for information exchange for UK level-2 BIM.
When information is exchanged, the product types can be checked for DOI attribute.
A simple website has been developed to illustrate how DOIs can provide owners with a record of what is in their building.
Each instance of an installed product has a GUID and a DOI

<table>
<thead>
<tr>
<th>Instance</th>
<th>Parent space</th>
<th>Instance</th>
<th>Parent space</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD-01</td>
<td>BD1-Fe</td>
<td>HD-08</td>
<td>Me-Fe</td>
</tr>
<tr>
<td>HD-02</td>
<td>BD1-Ma</td>
<td>HD-09</td>
<td>UM-Fe</td>
</tr>
<tr>
<td>HD-03</td>
<td>00-Ma</td>
<td>HD-10</td>
<td>01-Fe</td>
</tr>
<tr>
<td>HD-04</td>
<td>00-Fe</td>
<td>HD-11</td>
<td>01-Ma</td>
</tr>
<tr>
<td>HD-05</td>
<td>00-Sh</td>
<td>HD-12</td>
<td>01-Fe</td>
</tr>
<tr>
<td>HD-06</td>
<td>Me-Sh</td>
<td>HD-13</td>
<td>02-Fe</td>
</tr>
<tr>
<td>HD-07</td>
<td>Me-Ma</td>
<td>HD-14</td>
<td>02-Sh</td>
</tr>
</tbody>
</table>

Toilet paper dispensers (29 instances)
WCs (2 instances)
Clicking the DOI link takes the user to the CIIDRA website.
The CIIDRA information can also be accessed via software API.
Related information from sources such as NBS, BSI and the manufacturer will be linked to.
Embedded in physical objects
Questions?