Introducing a new framework for generic Information Delivery Manuals

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Introducing a new framework for generic Information Delivery Manuals

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## 100+ IDMs at buildingSMART website

### Overview

**by Jan.Karishni** — Last modified Mar 03, 2013 09:25 PM

#### Overview of Information Delivery Manuals independent of their status

<table>
<thead>
<tr>
<th>Local IDM ID</th>
<th>IDM Name</th>
<th>Owner</th>
<th>Project Manager</th>
<th>Internal IDM Status</th>
<th>URL</th>
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<tbody>
<tr>
<td>ATC-001</td>
<td>Structural Design to Structural Detailing (ATC-75)</td>
<td>Applied Technology Council, Thomas Liebich</td>
<td>Thomas McLane</td>
<td>Draft</td>
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<td>Design to Quantity Takeoff</td>
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<td></td>
<td>Proposal</td>
<td><a href="http://www.blie-project.org/IAI-MVD/reporting/listMVDs_4.php?SRT=Name&amp;MVD=">http://www.blie-project.org/IAI-MVD/reporting/listMVDs_4.php?SRT=Name&amp;MVD=</a></td>
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<td>Capital expenditure</td>
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<td>COBIE</td>
<td>North American Construction Operations Building Information Exchange (COBIE) standard</td>
<td></td>
<td></td>
<td>Approved</td>
<td><a href="http://ldm.buildingsmart.no/confuence/display/IDM/COBIE+Project">http://ldm.buildingsmart.no/confuence/display/IDM/COBIE+Project</a></td>
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</tbody>
</table>
IDMs in current use appear complex
3 | IDM: Conceptual Full Design

IDMs in current use cover wide-ranging processes
4 | IDM in current use cover wide-ranging processes

- **Process X**
  - IDM
  - [Process Z]

- **Process Y**
  - IDM
  - [Process X]

- **Mechanical Engineering**
- **Structural Engineering**
- **Architecture**

**CURRENT IDMs**
- **Conceptual Outline Design**
- **Full Conceptual Design**
- **Coordinated Design**
- **Production Information**
- **Construction**
## 5 IDM Framework for decomposed IDM Packages

<table>
<thead>
<tr>
<th>Architecture</th>
<th>Full Conceptual Design</th>
<th>Coordinated Design</th>
<th>Production Information</th>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IDM Package</strong></td>
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</tbody>
</table>
6 | IDM Packages focusing on IRMs and ORMs
Example of IDM Package

Identification
Geometry
U-value
g-value
Etc.

ORM

IRM
8 | Example of IDM Package

- **WWR 55%**
- **ORM**
- **IRM**

Identification, Geometry, U-value, g-value, Etc.
9  Example of IDM Package
<table>
<thead>
<tr>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
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<tbody>
<tr>
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<td>IDM PACKAGE “STRUCTURAL ENGINEERING” F 33-21 31 14</td>
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<tr>
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<tr>
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<td>IDM PACKAGE “FAÇADE PERFORMANCE ENGINEERING” E 33-21 31 17 31 11</td>
<td>IDM PACKAGE “FAÇADE PERFORMANCE ENGINEERING” F 33-21 31 17 31 11</td>
</tr>
</tbody>
</table>

### IDM PROJECT PLAN

**CONCEPTUAL OUTLINE DESIGN**

- Organization X
  - Engineering

- Organization Y
  - Architecture

**FULL DESIGN**

- Organization X
  - Engineering

- Organization Y
  - Architecture

**COORDINATED DESIGN**

- Organization X
  - Engineering

- Organization Y
  - Architecture
11 | Information flow management enhancement
12 | Potential of developed IDM Framework

Software tools

IDM integration

Project manager
Thank you for listening