Just In Time Product Data

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Danial Newman, writing for Forbes Magazine: "*Millennials ... use this collective filter to sort out research and other word-of-mouth style information when making decisions.*"
How do we build appropriate tools for this new generation of Architects and Engineers?
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“Just the data we need, at the time we need it, for what we need it for.”
How we get there

• Build some raw materials
How we get there

• Build some raw materials

2.3 FLUSH WOOD PANELING (WOOD-VENEER WALL SURFACING)

A. Grade: [Premium] [Custom] [Economy].

B. Wood Species and Cut: [White oak, rift sliced] [Select white ash, plain sliced] [Sycamore, plain sliced] [Cherry, plain sliced] [Butternut, plain sliced] [Avedere, quarter sliced] <Insert species and cut>.

C. Veneer Matching Method:
1. Adjacent Veneer Leaves: [Book] [Slip] [Pleasing (Random)] match.
2. Within Panel Face: [Running] [Balance] [Center-balance] match.

D. Panel-Matching Method:
1. No matching is required between adjacent panels. Select and arrange panels for similarity of grain pattern and color between adjacent panels.
2. [Premanufactured panel sets used full width] [Premanufactured panel sets selectively reduced in width] [Made-to-order, sequence-matched panels] [Made-to-order, blueprint-matched panels and components] within each separate area.
How we get there

• Build some raw materials
• Put it into labeled boxes
Packing raw materials

• Put it into labeled boxes
Assemble boxes into classified constructs
Ensure boxes are self sustainable
Allow deployment via recipes
Labeled Boxes (Detail Specs)

Interior Door components
MasterFormat:
Section 079200 – Joint Sealants
Section 081213 – Hollow Metal Frames
Section 081426 – Flush Wood Doors
Section 087100 – Door Hardware
Section 099300 – Staining and Transparent Finishing

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Boxes in boxes (Assemblies)

Interior Door Assembly
UniFormat:
C1030.10 – Interior Swinging Door
(Meeting Performance Parameters)
Assemblies of boxed assemblies

(Meeting Functional Parameters)
• Autonomous and Agnostic data objects
• Autonomous and Agnostic data objects
• MV and/or MVVM Frameworks
• Autonomous and Agnostic data objects
• VM and/or VMV Frameworks
• Key/Value pair data model
• Autonomous and Agnostic data objects
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• User Roles/ Use Trends and Project phase
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  • The role of the user/resource sets request filters
• Autonomous and Agnostic data objects
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• User Roles/ Use Trends and Project Phase
  • The role of the user/resource sets request filters
  • Use Trends define data roles over time and track derivatives for open value probabilities
• Autonomous and Agnostic data objects
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• User Roles/ Use Trends and Project Phase
  • The role of the user/resource sets request filters
  • Use Trends define data roles over time and track derivatives for open value probabilities
  • Big data tracks statistics to inform users on recommend/informed alternatives
• Autonomous and Agnostic data objects
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• User Roles/ Use Trends and Project Data
  • The role of the user/resource sets request filters
  • Use Trends define data roles over time and tracks derivatives for open value probabilities
  • Big data tracks statistics to inform users on recommend/informed alternatives
• Product type data templates
• Autonomous and Agnostic data objects
• VM and/or VMV Frameworks
• Key/Value pair data model
• User Roles/ Use Trends and Project Data
  • The role of the user sets request filters
  • Use Trends define data roles over time and tracks derivatives for open value probabilities
  • Big data tracks statistics to inform user on recommend/informed alternatives
• Product type data templates
• Classifications applied to data for desired output.
• Platform that serves “Just the data we need, at the time we need it, for what we need it for.”
• Platform that serves “Just the data we need, at the time we need it, for what we need it for.”
  • Will serve boxes big and small
• Platform that serves “Just the data we need, at the time we need it, for what we need it for.”
  • Will serve boxes big and small
  • Every box will have the latest up to date goodies
• Platform that serves “Just the data we need, at the time we need it, for what we need it for.”
  • Will serve boxes big and small
  • Every box will have the latest up to date goodies
  • Every box will have what's needed for whatever I’m doing at the time
Thank you