

PROCESS ROOM/IUG – IFC4 ROLL-OUT STRATEGY

WALTHAM – 13 MARCH 2013 – JAN KARLSHØJ AND STEEN SUNESEN

ADVANTAGES OF IFC4 (TO IFC2X3)

- buildingSMART Data Dictionary
- COBie implementation
- Object Type Information
- GIS – Global Positioning Information
- openBIM Collaboration Format
- MVD XML – Documentation tool
- ifcXML
- Simple ifc XML – Subset of IFC model
- Complex geometry – Nurbs
- ...

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MOTIVATE END-USERS FOR DEMANDING IFC4

List advantages/potentials by using IFC4 in project

1. Process Room and IUG recommend Excom to require a fulfilling list from MSG, ISG and IUG of advantages and potentials in using IFC4 compatible software in projects.

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MOTIVATE END-USERS FOR DEMANDING IFC4

IUG recommend use of IFC4 compatible software in projects

2. Process Room and IUG recommend all chapters to promote advantages and recommend end-users to require and use IFC4 compatible software in projects.

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ELIMINATE OBSTACLES FOR IMPLEMENTATION OF IFC4

Establish IFC4 certifying tool

3. Process Room and IUG recommend Excom to require ISG to develop the current tool for certifying IFC2x3 2.0 to enable certifying test of IFC4 compatible software.

Consequently the coordination view and other MVDs has to be updated to IFC4, and new MVDs has to be for IFC4

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ELIMINATE OBSTACLES FOR IMPLEMENTATION OF IFC4

Avoid continued investment in IFC2x3 product development and certification

4. Process Room and IUG recommend Excom to require ISG to stop initiating new IFC 2x3 certifications. Only finalize those in process.

Comments

- To rigid
- Timeframe
- Discuss it with ISGs and find a mutual understanding
- Exports can be updated in service packs, not part of core.
- Educate clients so they require IFC4.
- bSA will think about it and come back to the resolution draft committee Thursday morning.

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IUG/PROCESS ROOM RESOLUTION ABU DHABI

Identify compatibility issues

Process Room and IUG recommend Excom to require ITM/ISG to identify compatibility issues between IFC2x3 and IFC4 compatible software when used in the same project.

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SUPPORT END-USERS

Communicate solutions to avoid compatibility issues

Based on ISG listing of compatibility issues (from Abu Dhabi resolution)

5. Process Room and IUG recommend Excom to require ITM/IUG to communicate solutions on how to use IFC2x3 and IFC4 compatible software in the same project to end-users

Comments

- How long is backward compatibility ensured?