

2nd Stage IFC 2x2 Code Checking View Certification Workshop (2nd Run)

Date & Time: 17th Nov 2005 (9.00 am to 6.00 pm)
18th Nov 2005 (9.00 am to 1.00 pm)
Location: DWF Room and Vault Room (Combined)
391B Orchard Road, #10-00, Ngee Ann City, Tower B
Singapore 238874

Introduction

The International Alliance for Interoperability (Singapore Chapter) – IAI(S) - decided to undertake the IFC2x2 Code Checking View Certification Program to facilitate the submission process of architectural and building service plans for code compliance checking. The Certification Program should be conducted as a two-stage certification process, as established previously by the IAI for other IFC2x certifications. The IFC2x2 Code Checking View Certification Workshops have been successfully organised on 7 Oct 2003 (1st Stage) and 29 Oct 2004 (2nd Stage) for the 1st run of the Program.

To further facilitate the certification of more IFC compliant applications, IAI (S) undertook the 2nd run of the IFC Certification Program and Revit 8 from Autodesk had successfully passed the 1st Stage Certification on 8 April 2005. IAI (S) intends to conduct the 2nd Stage Certification Workshop for Revit in mid November 2005. The objective of the 2nd Stage workshop is again to enable the full certification of the applications for compliance to IFC2x2 Code Checking View. The 2nd Stage certification is the final certification stage to recognize the participating vendors for their capabilities to comply with IFC2x2 Code Checking View completely.

Stage 2 is a practical certification by pilot end-users, after they have used the applications for 6 months or so in practice. During this period, Stage 2 implementers have the opportunity to resolve any bugs which may emerge in the meantime. When sufficient support of daily practice requirements has been achieved, and the stage 2 workshop has been successfully passed, the "final logo" of certification will be awarded.

The certification is a recognition that successful implementers have achieved a significant milestone to facilitate the Code Checking. This is also a key consideration in the selection of suitable applications to support Singapore' CORENET initiatives to transform the construction industry towards higher productivity through the use of Model-based/Object-oriented CAD tools.

Scope

The scope of the Code Checking View is the part of IFC2x2 that is relevant to the submission process of architectural plans. The code checking view in architecture and building services is based on the IFC2x coordination view. It includes all the requirements, in terms of entities, attributes and geometry use cases, that are stipulated by the IFC2x coordination view.

In addition to the scope of the IFC2x coordination view the code checking view in architecture requires the following items:

- Support of specific property sets (with particular properties) for each architectural element and space, storey, building and site.
- Support of Groups
 - output of zones as group of spaces
- Support of special parameter for ramps and stairs
 - output of thread length and riser height, number of steps, etc.
- Additional elements
 - output of covering and louver (special filling)
- Support of material assignment to all architectural elements
- Support of space boundaries
 - physical boundaries between space and bounding architectural element
 - virtual boundaries between two spaces

Schedule

The stage 2 Certification Workshop is planned to be finished on 18 Nov 2005.

- 14-16 Nov 05, Pre-Certification Testing (informal)
- 17-18 Nov 05, Certification and Public Viewing

Payment

US\$ 1000 is payable before this second stage certification workshop.

The payment should be made to *IAI International Alliance for Interoperability* (2 Church Road, Kenley, Surrey CR8 5DU, UK). Invoice of the appropriate sum of money with payment instruction will be issued to the participants by IAI International upon receiving the relevant information of the participants, i.e. name

of contact person, name of organisation, postal address, telephone number, email address, fax number (optional), date of certification workshop and whether it is first or second stage.

Contacts

The following persons can be reached for further details pertaining to the workshop and to clarify the requirements.

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