

Applying Open Standards and Level of Development to BIM

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Class summary

This class will help you explore the actual application of industry BIM standards such as Industry Foundation Classes, COBie, and Levels of Development. How do these standards affect professional services agreements and deliverables? How will they affect design team collaboration? How will they support healthy competition while increasing quality and reducing costs for owners? Examples of IFC and COBie exporting from Revit will be demonstrated as well as samples of levels of development for use in model-sharing agreements. Extended discussion will explore the actual application of industry BIM standards and the effects they have on professional services agreements, project delivery, and collaboration.

Key learning objectives

At the end of this class, you will be able to:

- Identify the benefits and use cases of open standards for BIM data
- Learn how to best prepare Revit models for export to open standards
- Understand how levels of development (LOD) are applied to modeling in Revit and how they affect professional services
- Describe the benefits and limitations of model-based project delivery

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