



Software Development

EDSL

TAS Energy Analysis

- TAS Building Designer
 - Part-L accredited
 - Required at planning stage
- Currently limited interoperability
 - Import DWG/DXF 2D Floor Plans
 - Assign attributes from TAS databases
 - Export 3D DWG for Lighting Design

Interface to Modelling Systems

- Import from a standard format
- Access proprietary data using API
- Priority/best result ??



Interoperability for energy analysis is now being addressed !

- Walls, floor slabs, roofs, openings objects
- 3D geometry for spaces
- Adjacency of spaces
- Internal/Exposed attribute
- Identify transparent entities

Interoperability for energy analysis is now being addressed ! BUT

- A generic file format does not mean generic contents
- Changing contents with product revisions
- Attributes in product may not be passed on
- Topological relationships are not always present
- Content depends on use of modelling system

Process considerations

- Importing and exporting changes
- Export assigned attributes
- Export thermal loads

- Availability of modelling software to engineers
- Architect or engineer at early stage design?