



# Revit API

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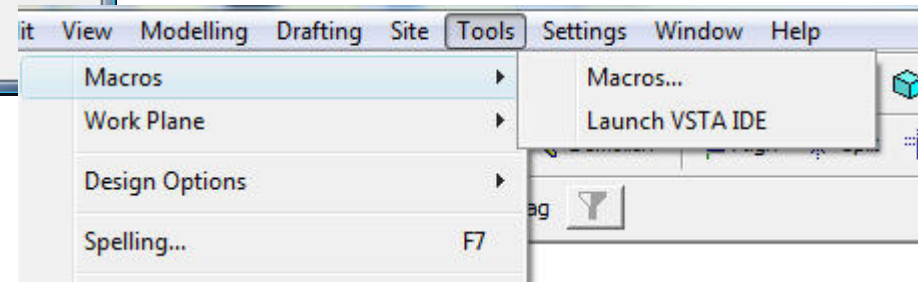
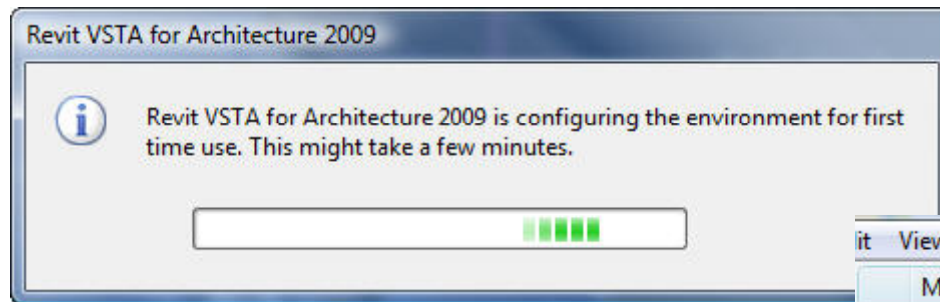
## Over View

- Visual Studio Tools for Applications (VSTA) in Revit.
- VSTA Examples.
- 3<sup>rd</sup> Party Plug-ins.
  - Avatech
  - RevitTV
  - BIMcache
  - BIMWorld
  - IES
  - Revit Family Manager
  - Shortcut Highway



## Visual Studio Tools for Applications (VSTA)

- May need to be installed via your original media, DVD etc.
- Application Level and Document Level Macros.



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## VSTA Examples

- Revit SDK.  
C:\Program Files\Revit Architecture 2009\Download\Utilities\Common\Software Development Kit directory  
  
<http://usa.autodesk.com/adsk/servlet/index?siteID=123112&id=2484975>
- AUGI.  
<http://www.augi.com>



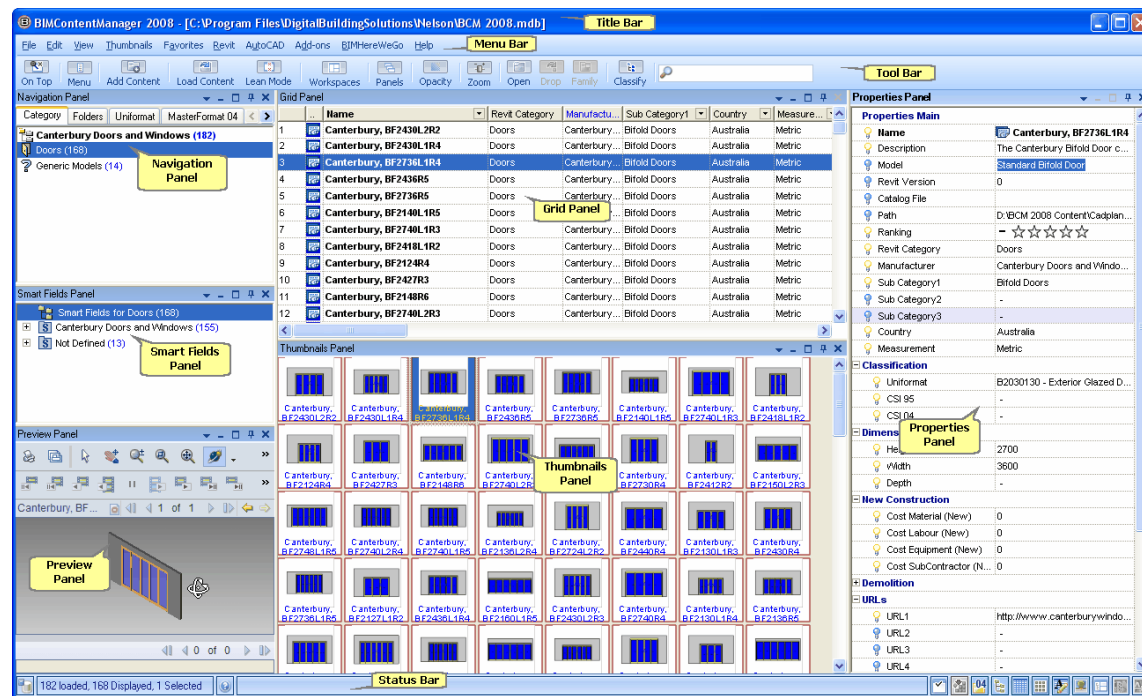
## 3<sup>rd</sup> Party plug-ins - Avatech

- Utilities include:
  - Room Renumber.
  - Change Case.
  - Door Mark Update.
  - RevitCity.com Content Browser.
  - Earth Connector for Revit.
- <http://www.avatech.com/web/revitutilities>

# 3<sup>rd</sup> Party plug-ins - BIMworld

- Utilities include:  
 BIM Content Manager.

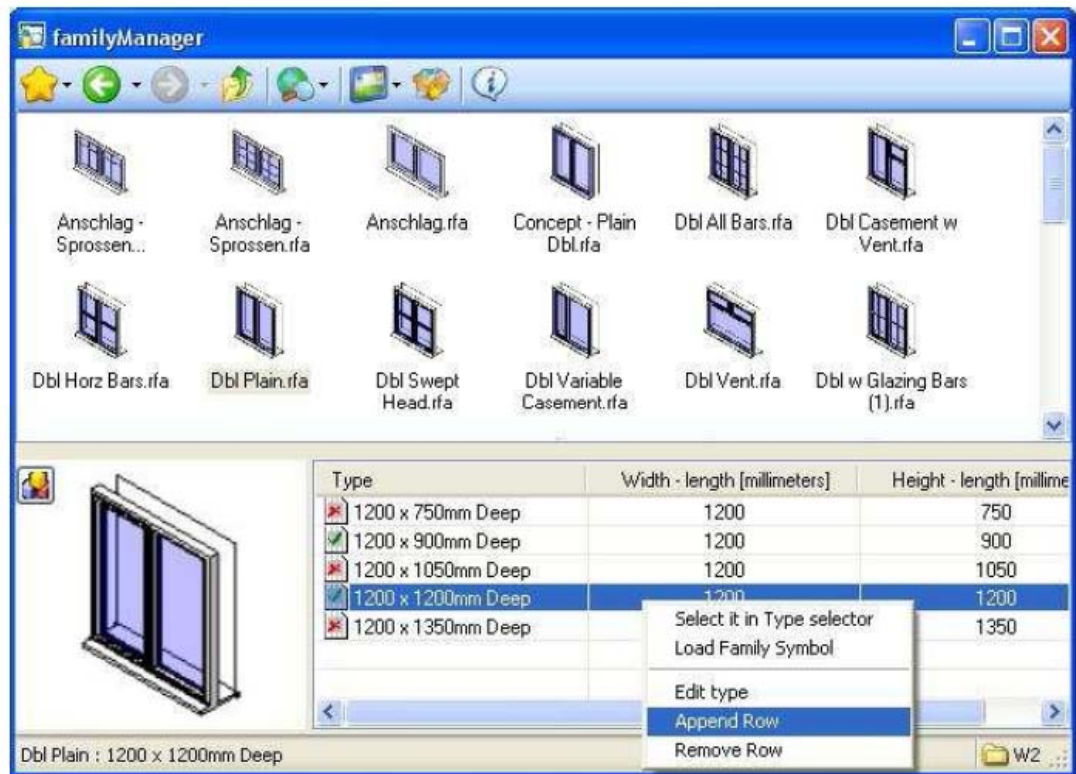
- <http://www.bimworld.com>





## 3<sup>rd</sup> Party plug-ins – Revit Family Manager

- Utilities include:  
Revit Family Manager.
- <http://www.familit.com>



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## 3<sup>rd</sup> Party plug-ins - BIMcache

- Utilities include:  
Revit Content plug-in.
- <http://www.bimcache.com>



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## 3<sup>rd</sup> Party plug-ins - RevitTV

- Utilities include:  
Revit Drawing Manager.
- <http://www.revittv.com>



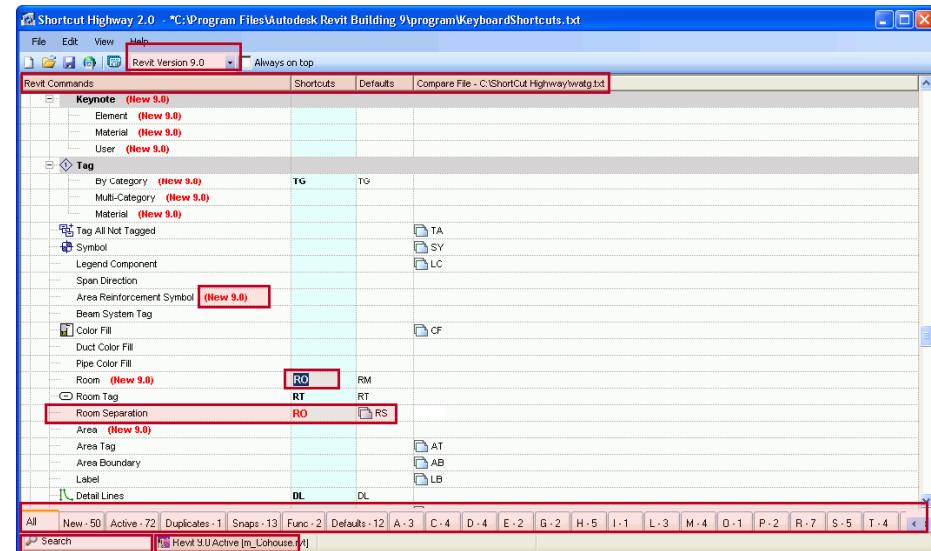
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## 3<sup>rd</sup> Party plug-ins – Shortcut Highway

- Utilities include:  
BIM Content Manager 2008 (now BIMworld).  
Shortcut Highway.
- <http://www.digitalbuildingsolutions.com>



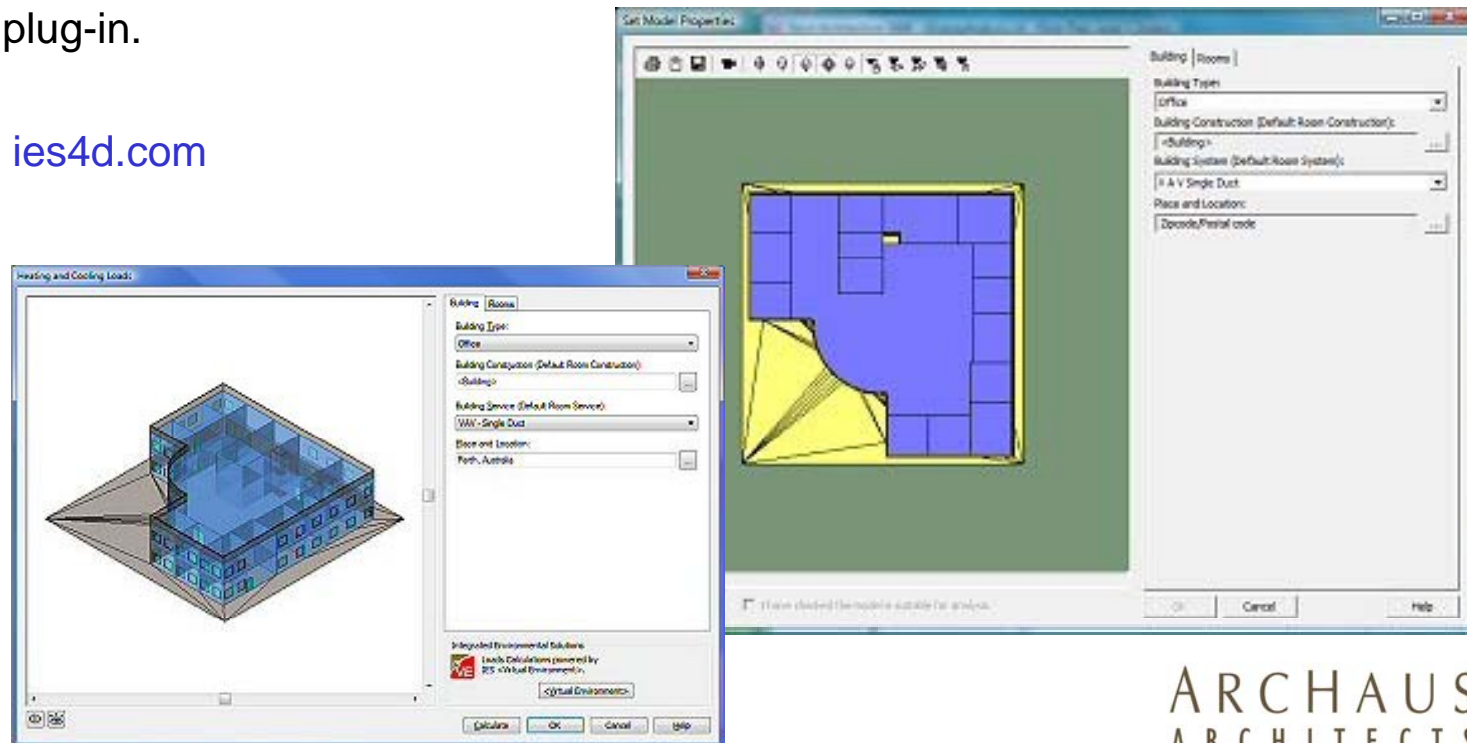
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## 3<sup>rd</sup> Party plug-ins – IES VE

- Utilities include:  
Revit Architecture plug-in.  
Revit MEP plug-in.
- <http://www.ies4d.com>



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*Thank you*  
Questions ?

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