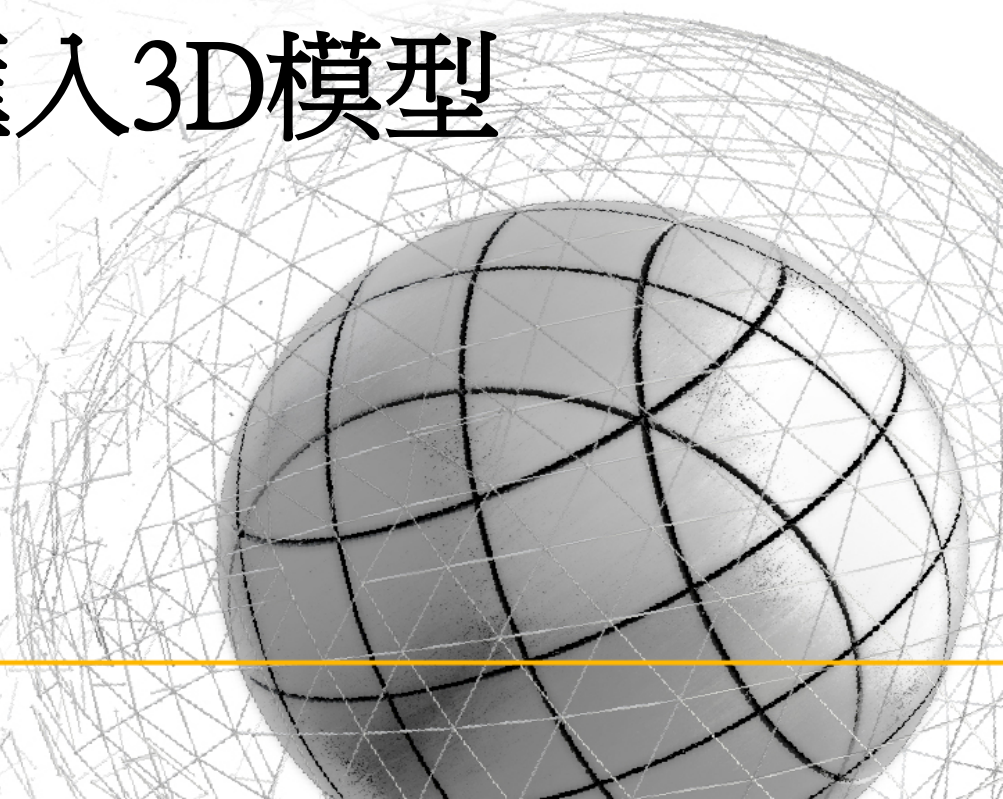




# 前處理-匯入3D模型

Simple, but Everything.

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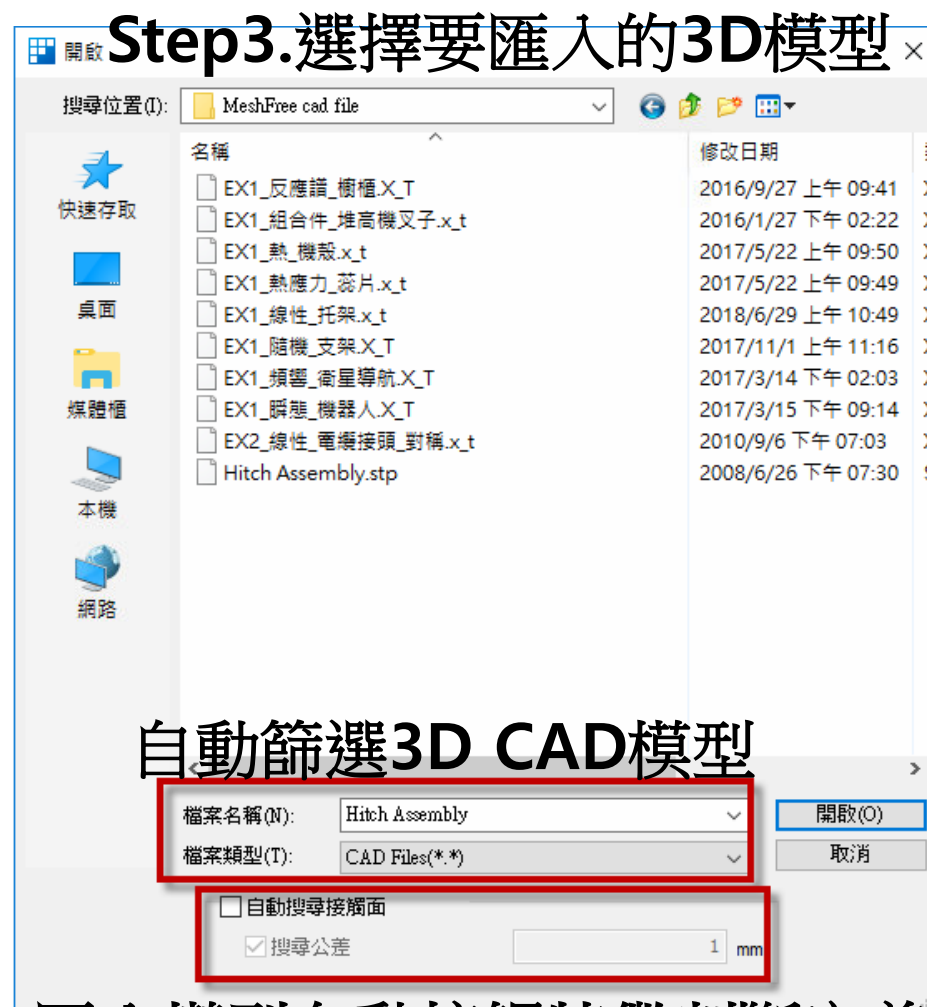




Step1.心須先選擇分析類型



Step2.才能匯入3D模型



匯入模型自動接觸特徵判斷定義

註: MeshFree只支援3D實體特徵分析

# MeshFree軟體,內含2種通用格式匯入

## 1.Parasolid (x\_t)

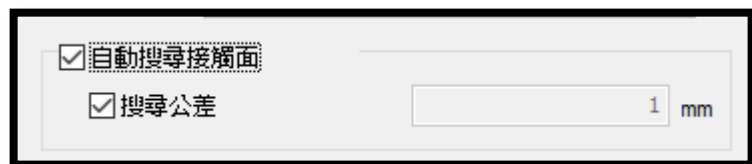
## 2.STEP(stp)

### CAD Files(\*.\*)

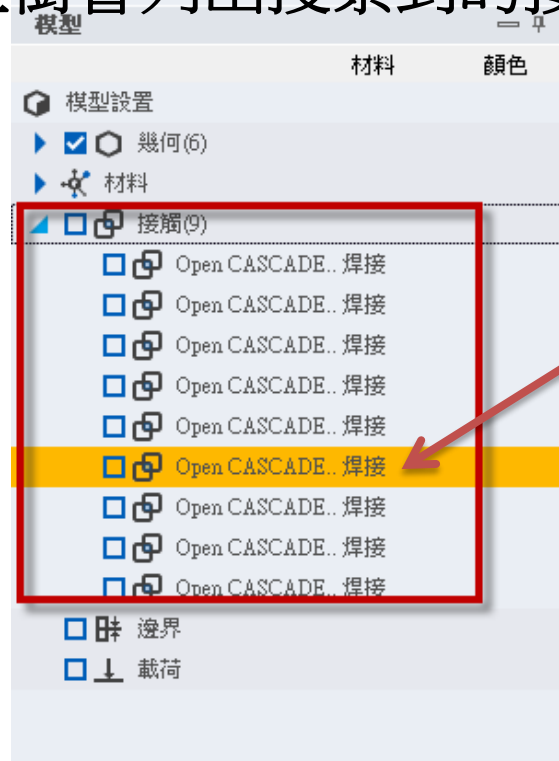
Parasolid (9 - 29) Files (\*.x\_t;\*.xmt\_txt;\*.x\_b;\*.xmt\_bin)  
 ACIS (R1 - 2017 1.0) Files (\*.sat;\*.sab;\*.asat;\*.asab)  
 STEP (AP203, AP214, AP242) Files (\*.stp;\*.step)  
 IGES (Up to 5.3) Files (\*.igs;\*.iges)  
 Pro-E (16 - Creo 3.0) Files (\*.prt;\*.prt.\*;\*.asm;\*.asm.\*)  
 CATIA V4 (CATIA 4.1.9 - 4.2.4) Files (\*.model;\*.exp;\*.session)  
 CATIA V5 (V5R8 - V5-6R2016) Files (\*.CATPart;\*.CATProduct)  
 SolidWorks (98 - 2017) Files (\*.sldprt;\*.sldasm)  
 Unigraphics (11 - NX11) Files (\*.prt)  
 Inventor Part (V6 - V2017) Files (\*.ipt)  
 Inventor Assembly (V11 - V2017) Files (\*.iam)  
 Solid Edge (V18 - ST9) Files (\*.par;\*.asm;\*.psm)

註:其它3D CAD格式必須另外加購

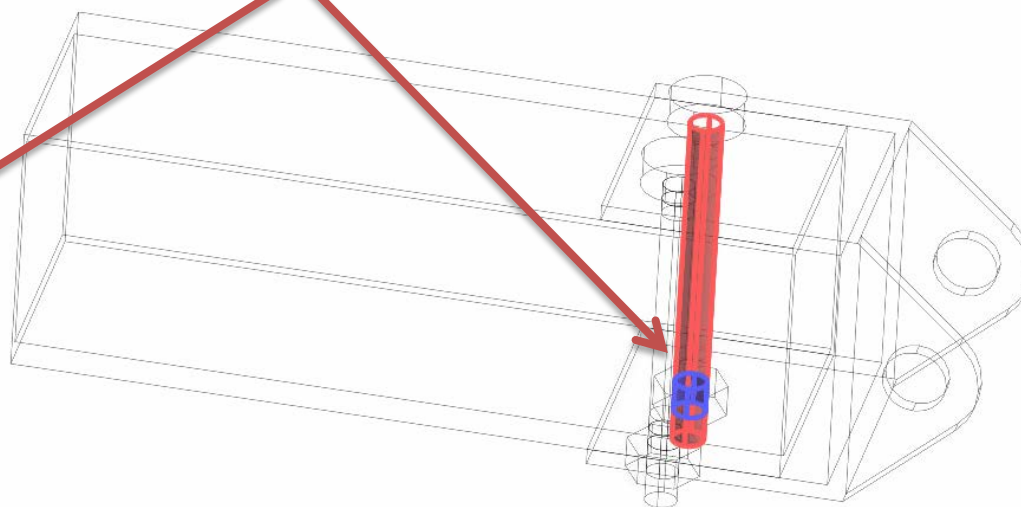
# 自動搜尋接觸面(自訂接觸搜尋距離)



## 模型樹會列出搜索到的接觸對



## 點選接觸對-模型會顯示



註:幾何匯入自動搜尋到之接觸面預設為焊接接觸