

## TASKS

## Autodesk APS

- APS Login(163 mail)  
<https://aps.autodesk.com/>
- Activity in APS  
An Activity is an action that can be executed on the Automation Service. You create and post Activities to run specific AppBundle
- Inventor add-in  
<https://www.autodesk.com/support/technical/article/caas/tsarticles/ts/29mPk2V7awelo6eLckSF1k.html>
- Automation API  
<https://aps.autodesk.com/en/docs/design-automation/v3/tutorials/inventor/>
- 参数修改与 AppBundle 与 Activity  
Design Automation 的本质是在云端运行一个“全功能的 Inventor”。虽然修改参数看似简单，但它实际上是运行了一套完整的工业软件计算逻辑，这就是为什么它需要 AppBundle 和 Activity 来定义各种复杂的规则
- 免费模型下载
  - [https://www.turbosquid.com/Search/3D-Models/free/3ds?dd\\_referrer=](https://www.turbosquid.com/Search/3D-Models/free/3ds?dd_referrer=)
  - [https://free3d.com/3d-models/3ds?dd\\_referrer=](https://free3d.com/3d-models/3ds?dd_referrer=)
- 修改模型参数dotnet示例  
<https://github.com/autodesk-platform-services/aps-design-automation-dotnet>
- 创建一个应用管理的bucket,并上传一个文件  
<https://aps.autodesk.com/en/docs/data/v2/tutorials/app-managed-bucket/>
- Data Management API  
<https://aps.autodesk.com/en/docs/data/v2/tutorials/app-managed-bucket/>
- pythonocc  
<https://github.com/tpaviot/pythonocc>
- Design Automation API  
[https://aps.autodesk.com/en/docs/design-automation/v3/developers\\_guide/overview/](https://aps.autodesk.com/en/docs/design-automation/v3/developers_guide/overview/)
- Postman Test  
获取口令、上传原始模型、提交工作任务 (WorkItem)
- App Bundle  
<https://github.com/autodesk-platform-services/aps-design-automation-tools>

Code-Samples

- <https://aps.autodesk.com/code-samples>
- <https://github.com/Autodesk-Forge/design.automation-python-tutorial>

 Authentication(OAuth)

- [https://aps.autodesk.com/en/docs/oauth/v2/developers\\_guide/basics/](https://aps.autodesk.com/en/docs/oauth/v2/developers_guide/basics/)
- <https://aps.autodesk.com/en/docs/oauth/v2/reference/http/gettoken-POST/>
- <https://aps.autodesk.com/en/docs/oauth/v2/tutorials/get-2-legged-token/>