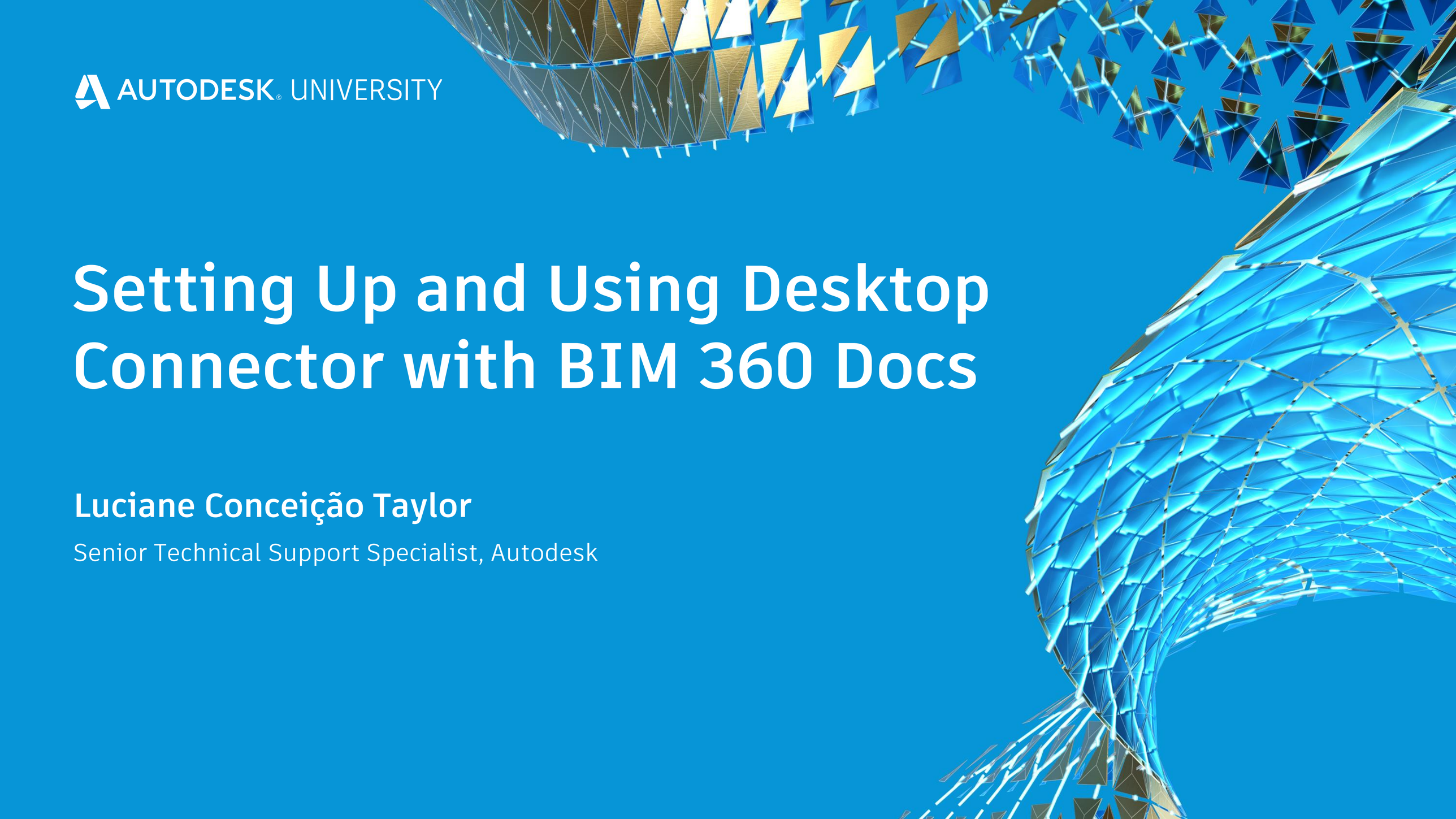
AUTODESK. UNIVERSITY

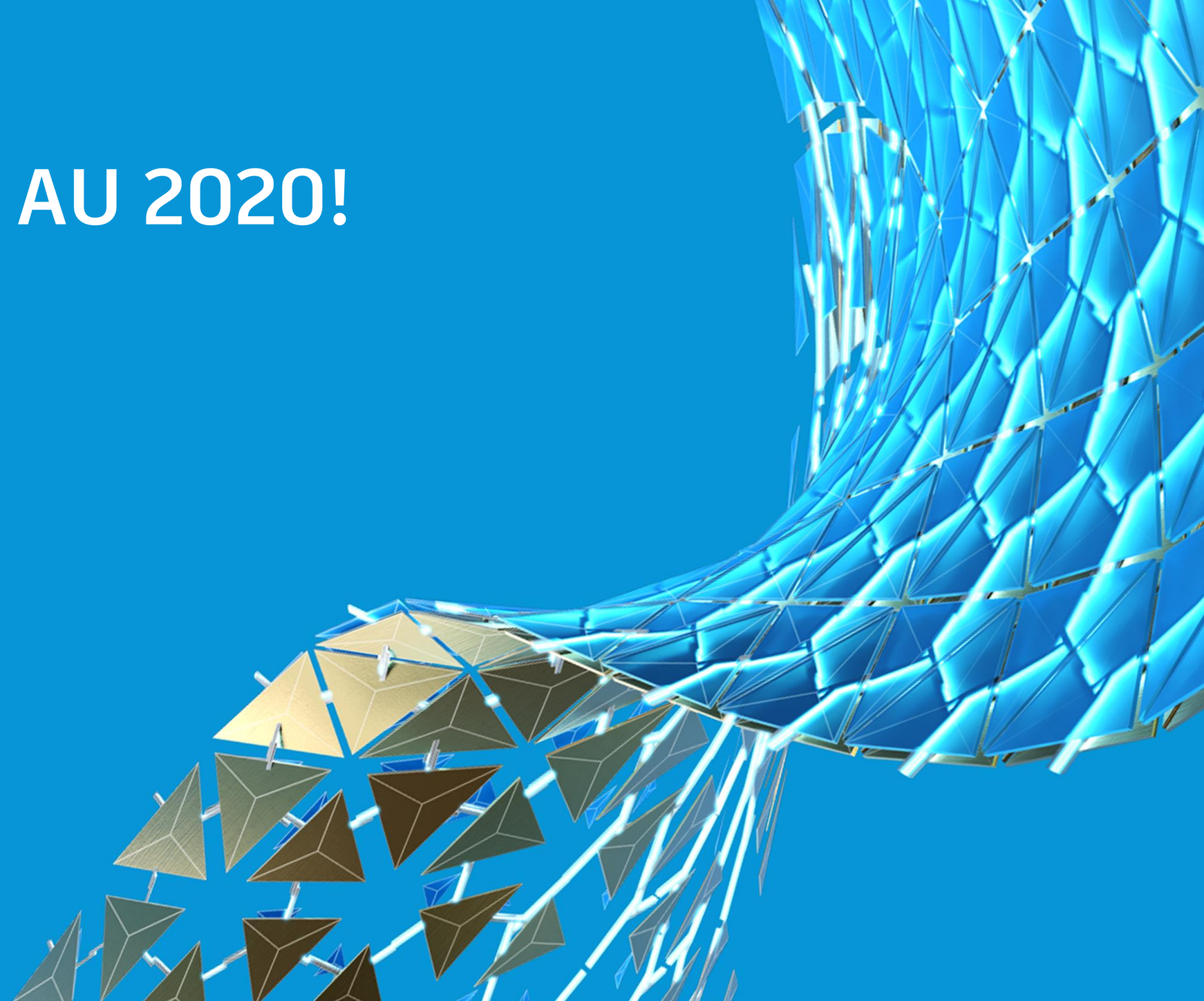
Setting Up and Using Desktop Connector with BIM 360 Docs

Luciane Conceição Taylor

Senior Technical Support Specialist, Autodesk



Welcome to AU 2020!



About the speaker

Luciane Conceição Taylor

- Architect and Urbanist
- 18 years in technical at Autodesk
- 6 years working with BIM 360 products
- Brazilian living in England for 13 years
- Enjoys spending time with family and doing crafts
- Started with AutoCAD 10
- AU speaker for second time

Learning Objectives

1. Manage construction documentation using Desktop Connector with BIM 360 Docs

2. Set up and use Desktop Connector

3. Troubleshoot most common issues

4. Best practices and recommendations

Manage construction documentation using Desktop Connector with BIM 360 Docs

Autodesk cloud services:

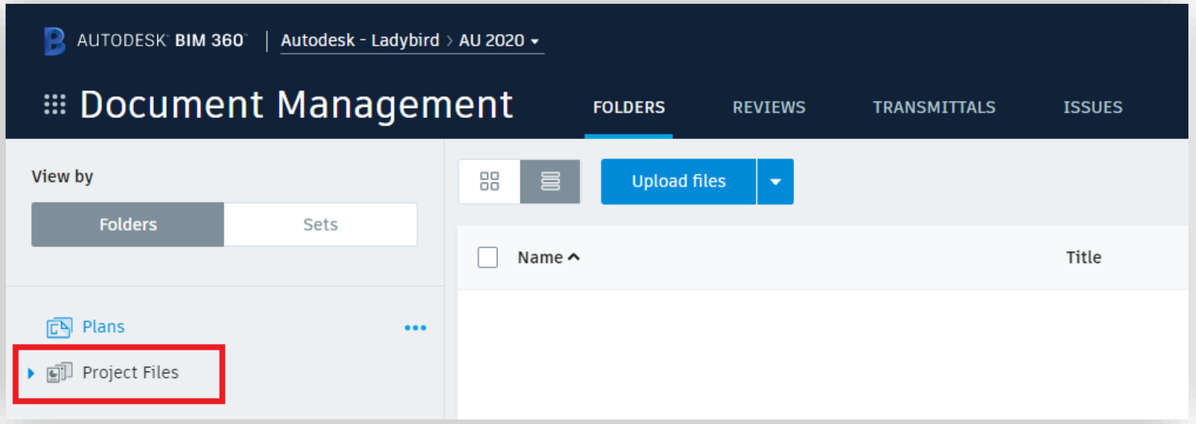
- BIM 360 Team
- Autodesk Drive
- Fusion Team
- BIM 360 Docs

Desktop Connector for BIM 360

BIM 360 Docs

- Upload, download, and share a variety of file types
- Assign user permissions to folders
- Create markups, issues, reviews and transmittals
- View and compare models
- Work at construction site with BIM 360 mobile app
- Use as data source for other BIM 360 modules
- Create integrations with 3rd-party or internal apps

Desktop Connector accesses the Project Files folder



Desktop Connector
+ BIM 360 Docs
= Increased productivity

Set up Desktop Connector

1	2	3	4
INSTALL	**SIGN IN**	**REFRESH DRIVES**	**UPDATE**
System requirements	Autodesk account	Account refresh	Notification pop-up
Update Windows	Docs permissions	Review web access	Use Update link
Install as local admin	BIM 360 connected drive	Speak to project admin	Install as local admin

Use Desktop Connector

SYNC DOCUMENTS

Upload and download files directly via File Explorer – no need for web browser

WORK OFFLINE

Sync documents and go offline to work without Internet connection

LINK FILES

Use the connected drive to link files stored in Document Management

LOCK FILES

Only you will update the document

File Locking for Autodesk BIM 360 app

NAVISWORKS ISSUES

Review and create Document Management issues

COLLABORATION FOR CIVIL 3D

BIM 360 Design functionality for Civil 3D files, data shortcuts and external references

Starting up

Connected Drive

Linking Revit files

Issues in Navisworks

Working with AutoCAD files

File Locking for BIM 360 App

Troubleshooting Basics

- **Computer settings**
  - Permissions to install and use
  - Connection
  - Free space
- **Desktop Connector status**
- **Document Management**
  - Supported file types
  - Member permissions

Troubleshooting Basics

- **Dataset**
  - Corrupted data
  - Long paths

Long Paths

Troubleshooting Basics

- **Dataset**
  - Corrupted data
  - Long paths
- **Revit files**
  - Revit cloud files

Revit Cloud files

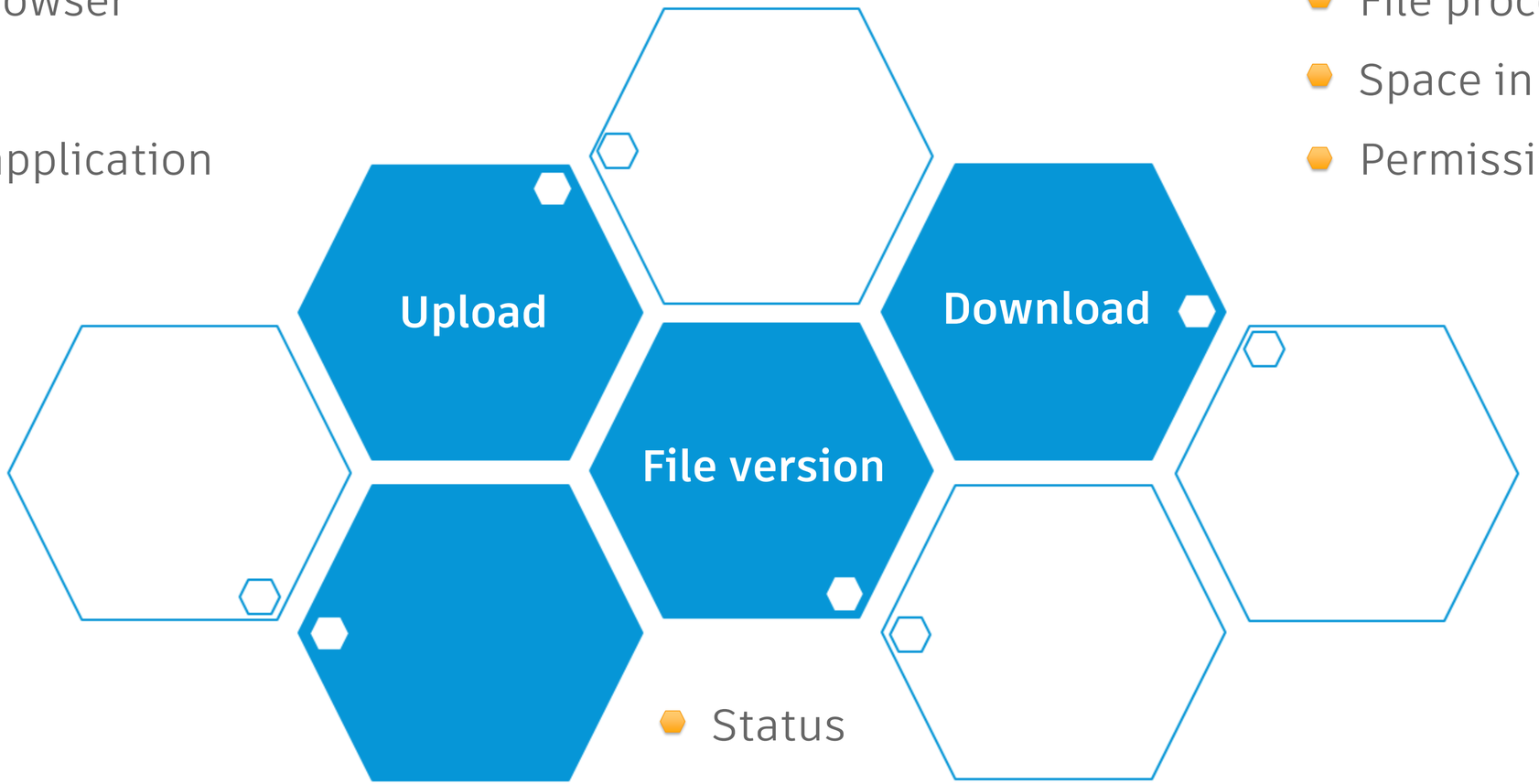
Troubleshooting Basics

- **Dataset**
  - Corrupted data
    Long paths
- **Revit files**
  - Revit cloud files
- **Delete files**
  - Delete local
  - Free up space
  - Delete from Docs

Deleting Files

Troubleshooting most common issues

- Web browser
- Online
- Close application



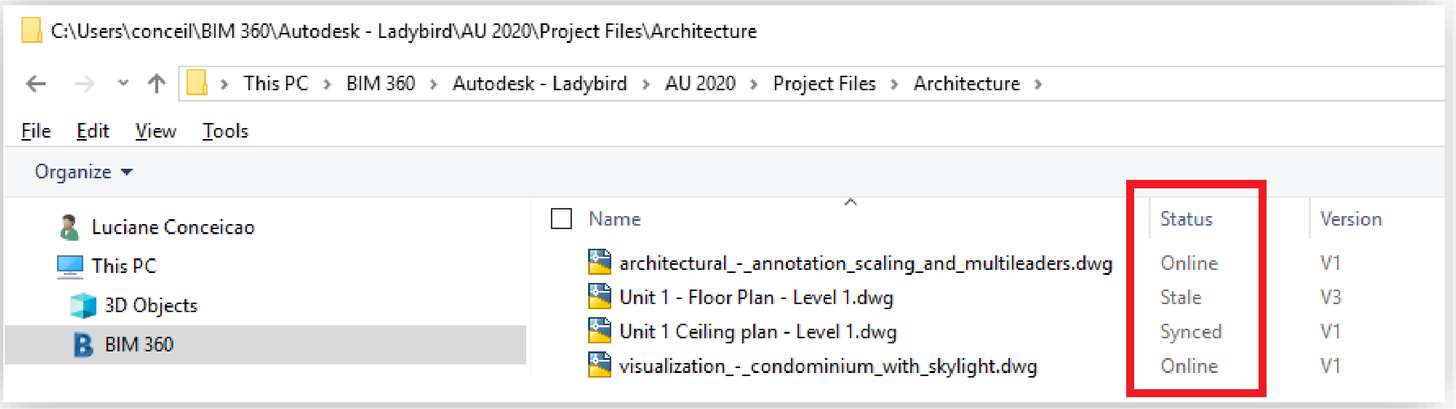
- File processing
- Space in disk
- Permissions

- Status
- File lock
- Caching time

Troubleshooting most common issues

File Status

New	The local file has not been uploaded
Synced	The local file is up-to-date with the file in the data source
Online	The file has not been downloaded
Modified	The local file has been modified and not been uploaded
Conflict	Edits made locally and in Docs
Stale	The local file version is older than the one in Docs
Error	Error obtaining the local file Status value - refresh the window



Troubleshooting most common issues

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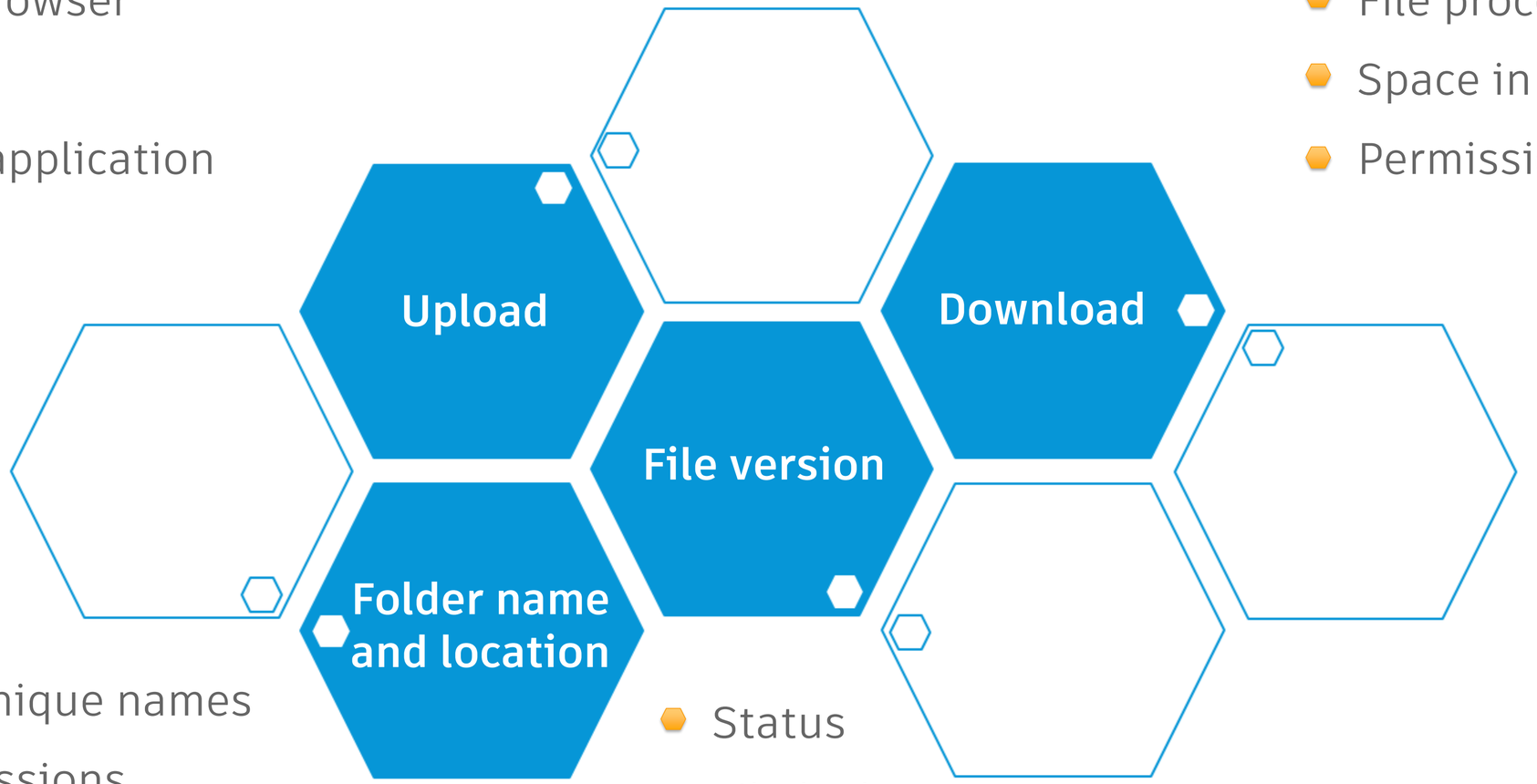


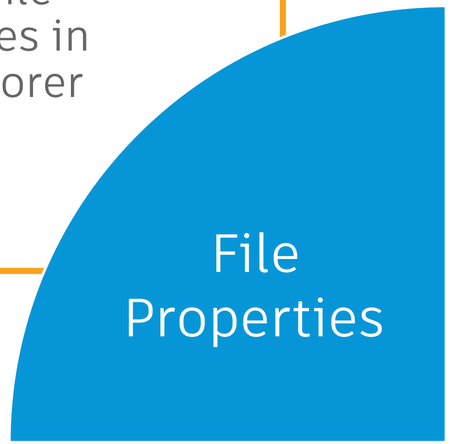
- Not unique names
- Permissions

- Status
- File lock
- Caching time

Project Folders

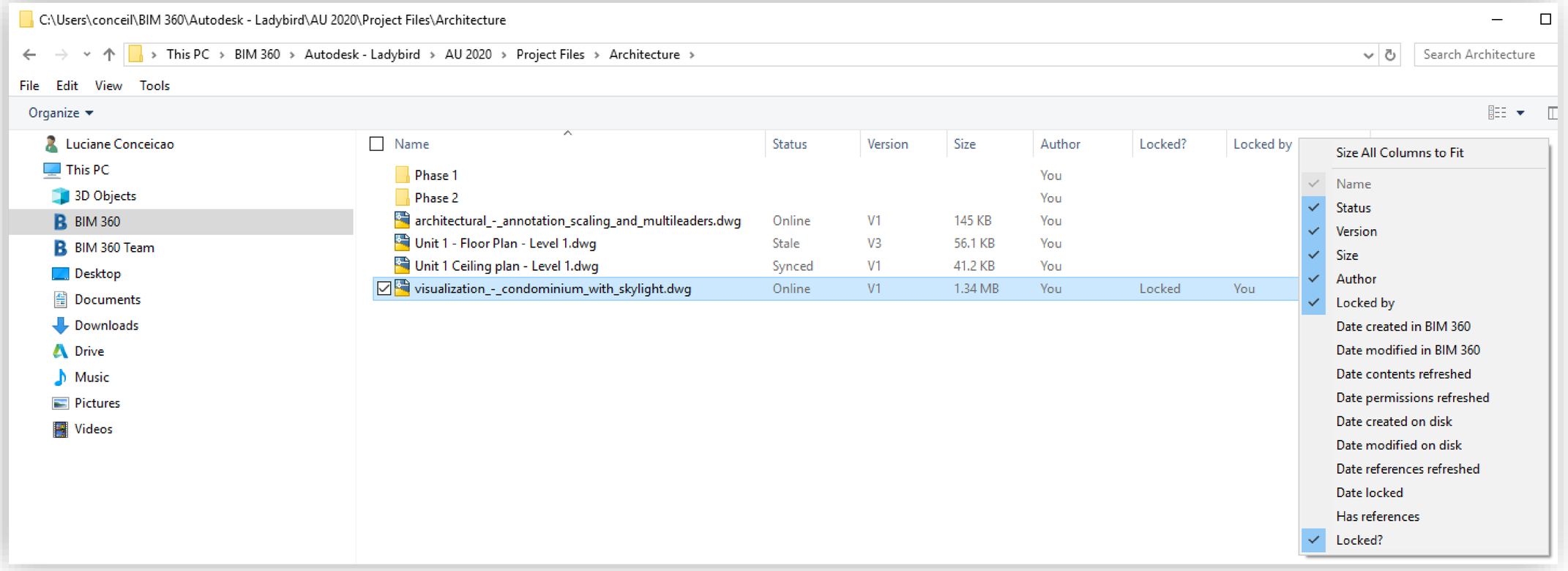
Troubleshooting Techniques

- Review file properties in File Explorer

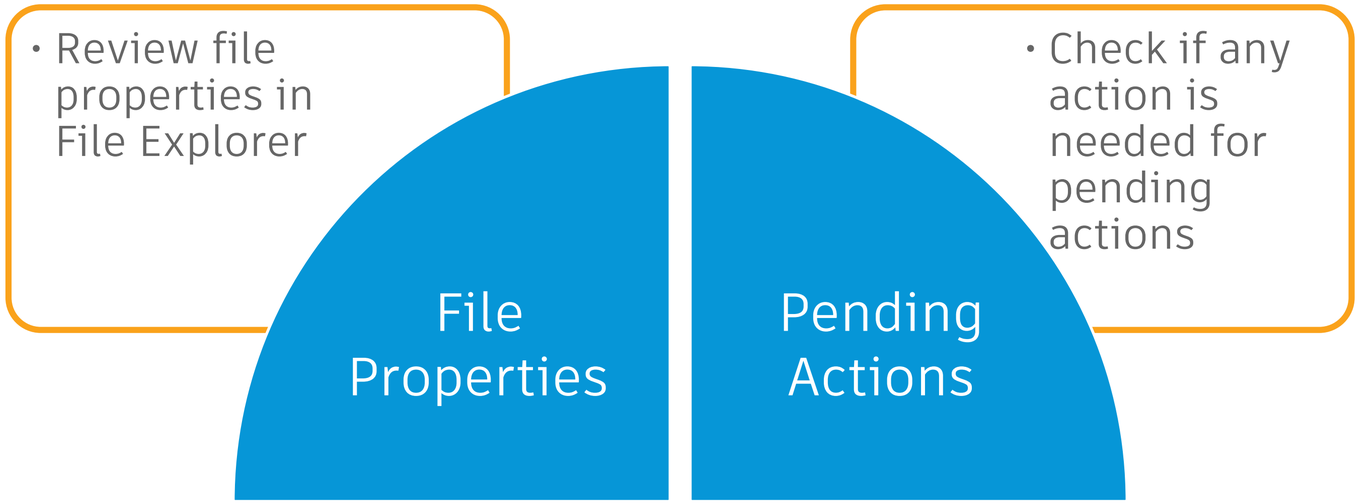


Troubleshooting Techniques

Review File Properties

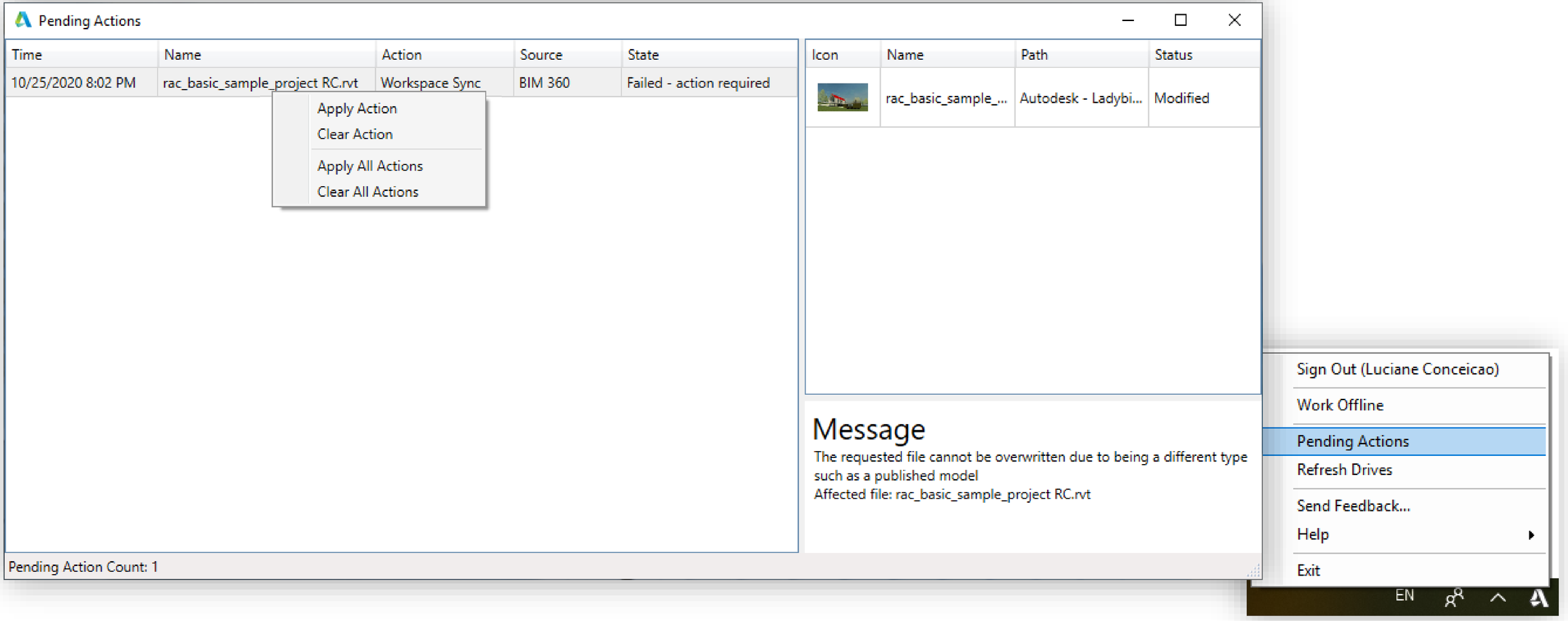


Troubleshooting Techniques

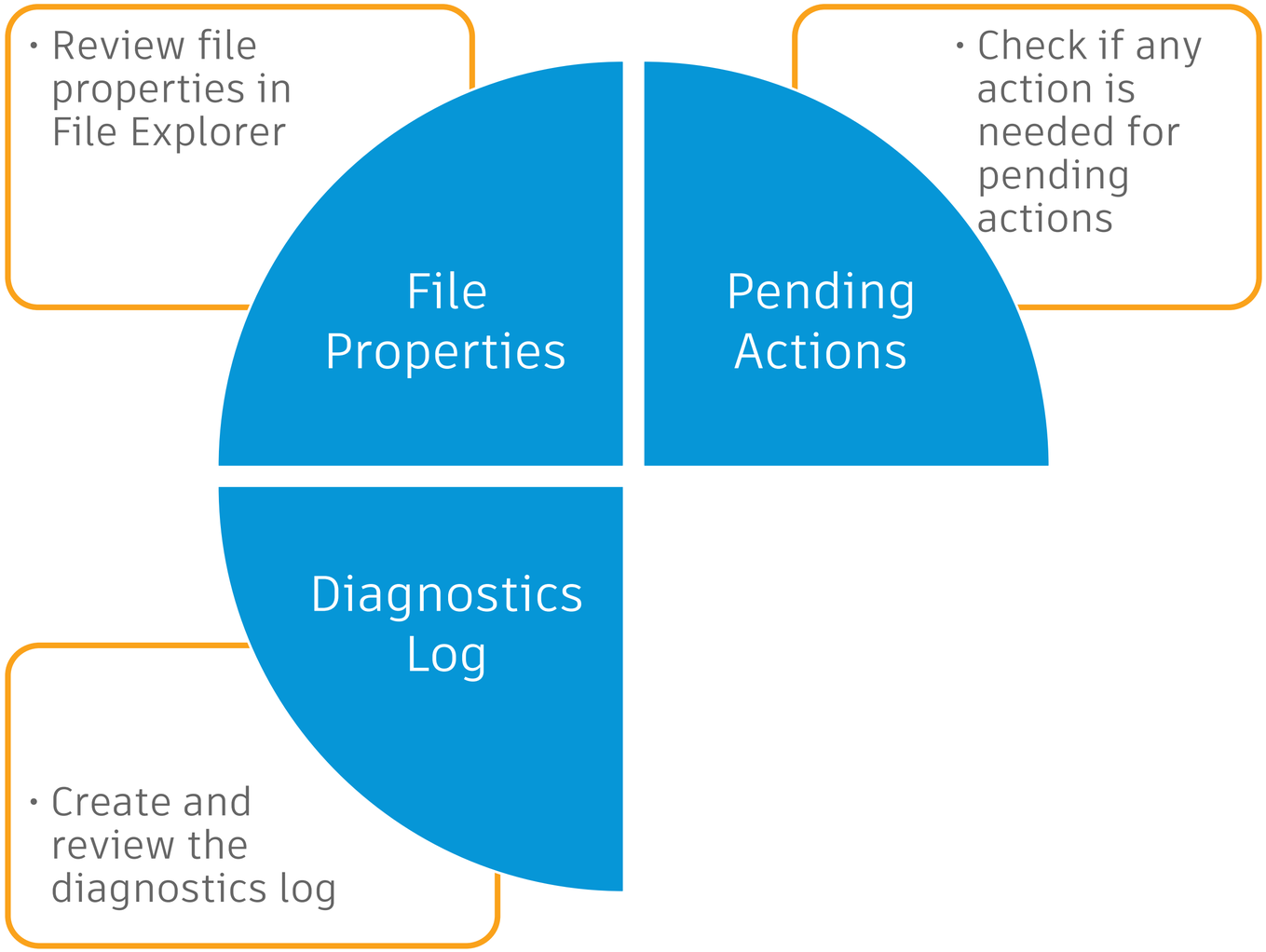


Troubleshooting Techniques

Check Pending Actions

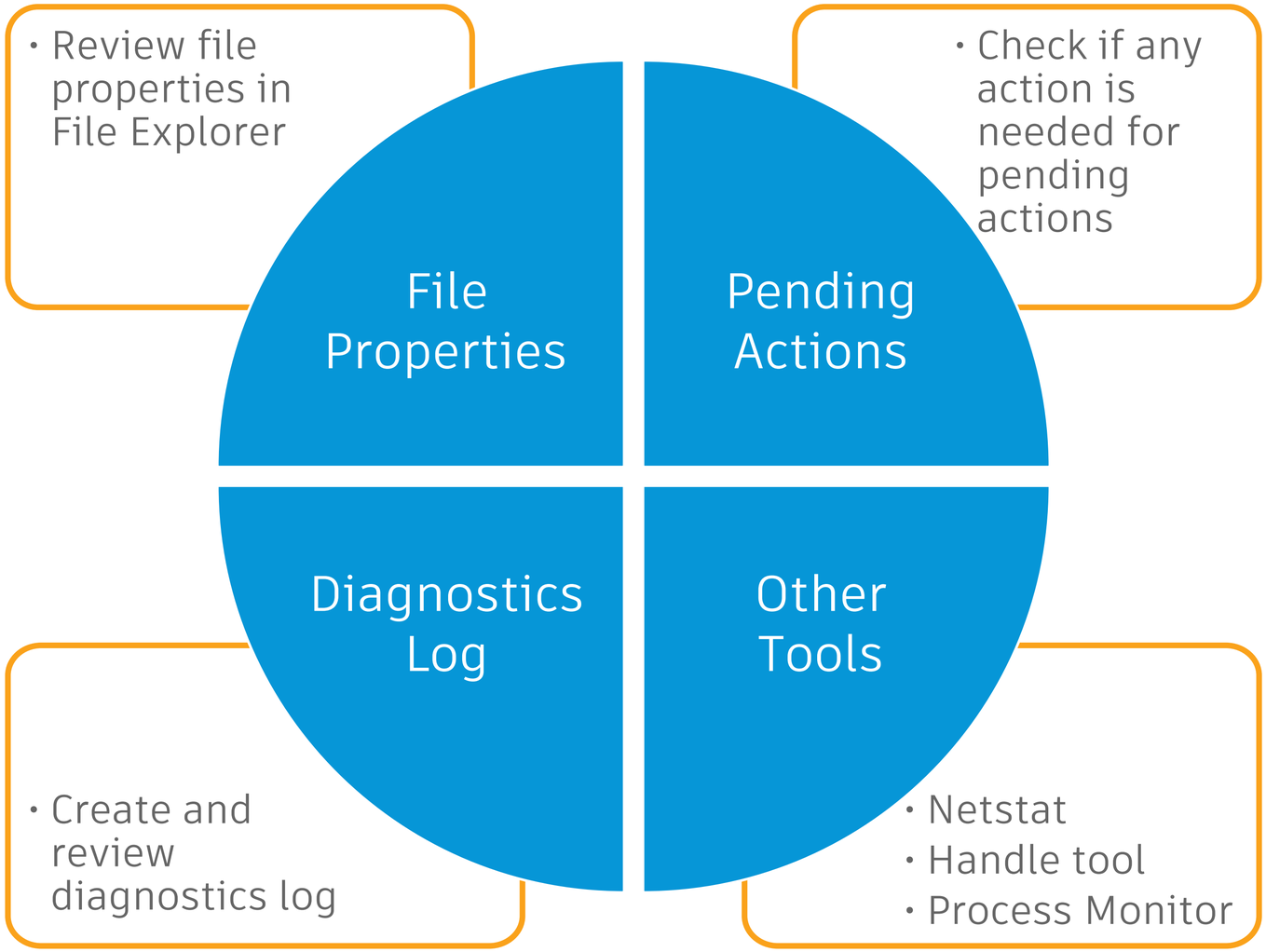


Troubleshooting Techniques

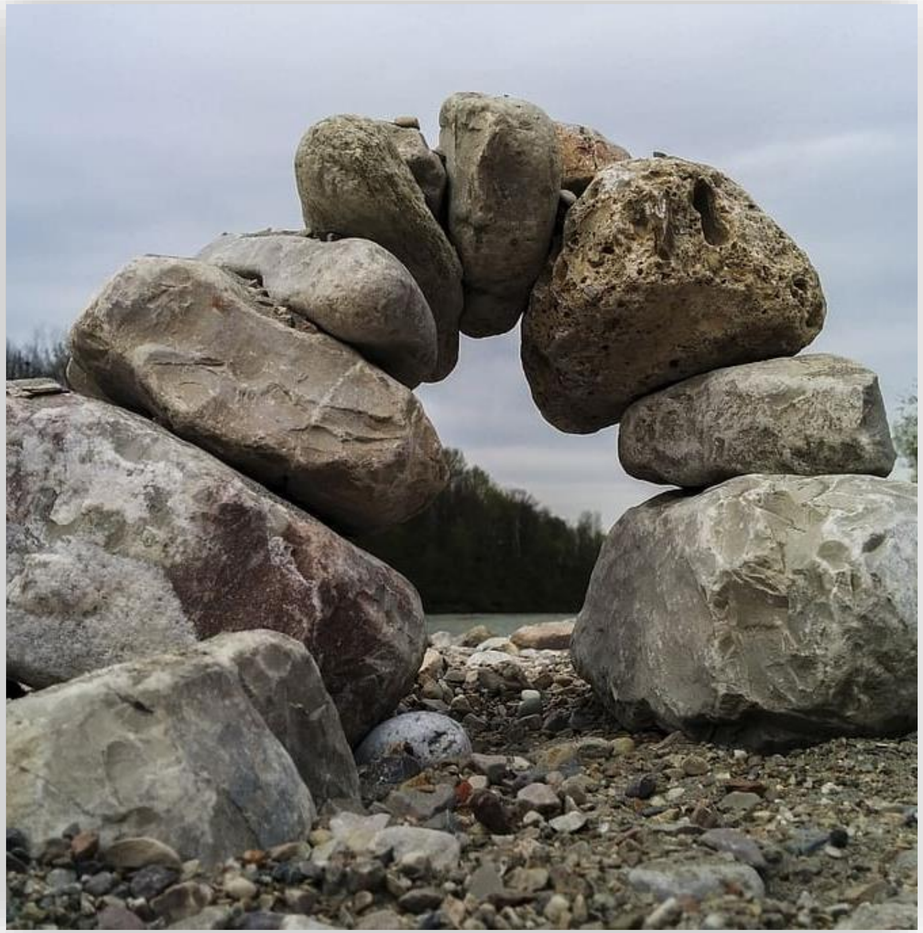


Diagnostics Log

Troubleshooting Techniques



Best practices and recommendations



Plan ahead!

- Review project permissions
- Keep it simple
- Single user account
- Have consistent workflow
- Test first

Resources

HELP

Desktop Connector Help

BIM 360 Help

Authoring apps Help

SUPPORT

Autodesk Knowledge Network - AKN

Contact support

BIM 360 forum

IDEAS

Post your idea

Vote ideas up

Send Feedback

LEARNING

Learn BIM 360

AU content

Release notes

Q&A session

Live Q&A session at AU 2020

November 19th @ 1:00 PM GMT

Special guest

Join us!

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