Setting Up and Using Desktop Connector with BIM 360 Docs

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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. INSTALL
   - System requirements
   - Update Windows
   - Install as local admin

2. SIGN IN
   - Autodesk account
   - Docs permissions
   - BIM 360 connected drive

3. REFRESH DRIVES
   - Account refresh
   - Review web access
   - Speak to project admin

4. UPDATE
   - Notification pop-up
   - Use Update link
   - Install as local admin
Use Desktop Connector

- **SYNC DOCUMENTS**
  Upload and download files directly via File Explorer – no need for web browser

- **LINK FILES**
  Use the connected drive to link files stored in Document Management

- **WORK OFFLINE**
  Sync documents and go offline to work without Internet connection

- **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 version
- Status
- File lock
- Caching time

- Download
- File processing
- Space in disk
- Permissions

- Upload
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

- Web browser
- Online
- Close application
- Not unique names
- Permissions
- File version
- Status
- File lock
- Caching time
- Upload
- Download
- Folder name and location
- Permissions
- File processing
- Space in disk
Project Folders
Troubleshooting Techniques

- Review file properties in File Explorer
Troubleshooting Techniques

Review File Properties
Troubleshooting Techniques

- Review file properties in File Explorer
- Check if any action is needed for pending actions
Troubleshooting Techniques

Check Pending Actions

Pending Actions

Message
The requested file cannot be overwritten due to being a different type such as a published model.
Affected file: rac_basic_sample_project RC.rvt
Troubleshooting Techniques

- Review file properties in File Explorer
- Check if any action is needed for pending actions
- Create and review the diagnostics log
- Review file properties in File Explorer
- Pending Actions
- Diagnostics Log
Diagnostics Log
Troubleshooting Techniques

- Review file properties in File Explorer
- Check if any action is needed for pending actions
- Create and review diagnostics log
- Netstat
- Handle tool
- Process Monitor

File Properties
Pending Actions
Diagnostics Log
Other Tools
Best practices and recommendations

Plan ahead!

- Review project permissions
- Keep it simple
- Single user account
- Have consistent workflow
- Test first
Q&A session

Live Q&A session at AU 2020
November 19th @ 1:00 PM GMT
Special guest
Join us!
Thank you!