This is full playlist on YouTube it contains two projects. One essential for beginners and one more involved with WPF MVVM pattern and DockablePane control.

<https://www.youtube.com/watch?v=rv6L0jH5e9I&list=PL7mg6Q0pUAfn8Pa7cyfRxTERRML964bUE>

First project targets beginner audience to Revit API. Idea is to create super simple tool that can add text note elements containing Wall layers information. I picked this because it I think it is a good project to showcase common workflow for creating simple tools in Revit.

On top of the previous project I recorded series for more medium to advanced users. Idea is to have a dockable pane type of addin that is used to show Family files from external directories and provide some commands through right click context menu.

Idea behind this series is to start involving more community into using WPF, XAML and MVVM pattern of programming. I covered a lot of topic for styling, animations for hovering effects, animated transitions between pages in DockablePane, for example fading and sliding animation, things like that. I followed MVVM pattern completely in this series (from my best understanding) data bindings, value conversions, ViewModel classes, …

Majority of videos are covered with links in description to written articles on my LinkedIn page. Some things are easier to write than record. One example of article you can find on link bellow.

<https://www.linkedin.com/pulse/13-revit-api-family-manager-item-type-visual-marko-koljancic/>

I didn’t record audio but I heavily documented code and cover them with LinkedIn articles. Playlist is live and I plan to continue it.

I’m an architect and self-taught C# developer. I struggled in begging to figure out all this concepts on my own, still learning. This video series is my humble contribution to wonderful Revit API community.

Short table of content of Revit API - Plugin Development Playlist

<https://www.youtube.com/watch?v=rv6L0jH5e9I&list=PL7mg6Q0pUAfn8Pa7cyfRxTERRML964bUE>

01 - Revit API - Plugin Essentials - First steps, basic plugin setup

02 - Revit API - Plugin Essentials - Manage image resources and multiple project setup

03 - Revit API - Plugin Essentials - Tag Wall Layers Command and create Text Note Element

04 - Revit API - Plugin Essentials - Show Dialog Box and create SketchPlane

05 - Revit API - Plugin Essentials - Convert Imperial to Metric Units

06 - Revit API - Family Manager Plugin - Dockable Pane, Revit and WPF

07 - Revit API - Family Manager Plugin - WPF ViewModel, Buttons and Commands

08 - Revit API - Family Manager Plugin - Page Switcher Mechanism and Value Converters

09 - Revit API - Family Manager Plugin - Populate List of Family Items

10 - Revit API - Family Manager Plugin - Implement Page Transition Animation

11 - Revit API - Family Manager Plugin - Dark Theme and Styling

12 - Revit API - Family Manager - Custom Button Style

13 - Revit API - Family Manager - Item Type and Visual Indicator

14 - Revit API - Family Manager - Style Family Item in List View

15 - Revit API - Family Manager - Create and style right click context menu for items in list view

16 - Revit API - Family Manager - Preferences and Repository Locations

17 - Revit API - Family Manager - Repository Context Menu Functionality

18 - Revit API - Family Manager - Create Application Installer Executable File