Revit Preview Release
Add-in Dependency Isolation

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Ability to run your add-in in an assembly load context

- A new option exists for add-in developers to be able to use any version of DLLs that they need without being limited to whatever Revit or other add-ins has loaded so far.
- Add-in developers can set `<UseRevitContext>` to false in the manifest to isolate their add-in in a separate context. By default, this value is true (use the Revit context).
- All add-ins in the same folder will go to the same context. In addition, if optional `<ContextName>` has a value, then all manifests with the same context name, regardless of folder, will share the same context.

    - ```xml
      <?xml version="1.0" encoding="utf-8"?>
      <RevitAddIns>
        <AddIn Type="DBApplication">
          <Name>SampleApplication</Name>
          <FullClassName>SampleApplication.Application</FullClassName>
          <Assembly>SampleApplication.dll</Assembly>
          <ClientId>C96B32A3-98C6-4B47-99DA-562E64689C6F</ClientId>
          <VendorId>Autodesk</VendorId>
        </AddIn>
        <ManifestSettings>
          <UseRevitContext>False</UseRevitContext>
          <ContextName>SampleContextName</ContextName>
        </ManifestSettings>
      </RevitAddIns>
      ```

Feedback & Status

Requested Feedback

- *Is your add-in still working as expected with UseRevitContext set to false?*
- *Does this remove any DLL conflicts you had before?*
- *Are the options clear?*
- *Do you need context sharing, or are your add-ins self-contained within a folder?*

Known Limitations

- *This is optional, so not all add-ins will use this.*