We put a zip file with the Doxygen output into our repository. Also, we only added the libraries to the repository that we made changes to; if we should add the rest, let us know.

Estimates:

Taylor - Pure Effort: 4 hours, 1 days

Jeff - Pure Effort: 5 hours, roughly 1 day

Dom - Pure Effort: 4 hours, 1 days

Actual Effort: 5 hours, roughly one day

GitHub Repo: https://github.com/TAYLORB528/softwareArchitecture

Adding summary and remarks for CreatePartBuilder


```
14          virtual ~PartCollection();
15
16
17          /// <summary>
18          /// This API creates a PartBuilder.
19          /// </summary>
20
21          /// <remarks>
22          ///  For this API, the user passes in a pointer to a part. In turn, the method outputs a journaling call using the CreatePart method.
23          /// </remarks>
24          PartBuilder* CreatePartBuilder(Part* part);
25
26     private:
27          int m_guid;
28     };
29 }
30
```

CreatePartBuilder's implementation


```
20     }
21
22 AutomationAPI::PartBuilder* AutomationAPI::PartCollection::CreatePartBuilder(AutomationAPI::Part* part)
23 {
24      AutomationAPI::PartBuilder* partBuilder = Journaling_CreatePart(part);
25
26      return nullptr;
27 }
```

Journaling method created for PartBuilder

```cpp
36
37    AutomationAPI::PartBuilder* Journaling_CreatePart(AutomationAPI::Part* part)
38    {
39        AutomationAPI::PartBuilder* partBuilder;
40        //If Journaling write the thing things
41        if (IsJournaling())
42        {
43            JournalStartCall("CreatePart", CannedGlobals::SESSION);
44            JournalBoolInParam(true, "is part created?");
45        }
46
47        if (IsJournaling())
48        {
49            JournalReturnClass(nullptr, "AutomationAPI::Part", "Part");
50            JournalEndCall();
51        }
52
53        return partBuilder;
54
55    }
56
```

An example of the doxygen output. Observe the summary and remarks match what we have in

our code.

SampleApplication
Testing API stuff

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AutomationAPI 〉 PartCollection 〉

Public Member Functions | List of all members

AutomationAPI::PartCollection Class Reference

Public Member Functions

	PartCollection (int guid)
PartBuilder *	**CreatePartBuilder** (Part *part)
	This API creates a **PartBuilder**. More...

Member Function Documentation

◆ CreatePartBuilder()

AutomationAPI::PartBuilder * AutomationAPI::PartCollection::CreatePartBuilder (AutomationAPI::Part * part)

This API creates a **PartBuilder**.

For this API, the user passes in a pointer to a part. In turn, the method outputs a journaling call using the CreatePart method.

The documentation for this class was generated from the following files:

- AutomationBinding/**PartCollection.h**
- AutomationBinding/PartCollection.cpp

Generated by doxygen 1.9.3