FDC3 Use Cases Working Group

Proposal

The goal of FDC3 is to create standards for desktop application interoperability in the financial industry. For these standards to be successful we need ensure they satisfy a set of foundational use cases and requirements defined and validated by the program participants. These use cases must represent the interop needs of the 40+ members of FDC3 as a sample of the financial industry as a whole. The remaining working groups `Context Data App Directory Intents APIs` should use the use cases as the basis for each set of standards.

Until this point the existing working groups have focused on the functional requirements for interop standards with specifications based on assumptions of what is required. To ensure that the standards will enable the scalable interop interactions that we want, we need to validate these assumptions. Obviously this shouldn't delay the work of the existing working groups, but for Thomson Reuters it is important that a set of requirements are agreed upon and maintained along side (or added to) the FDC3 charter.

The Use Cases working group should provide requirements only, rather than solutions. Further, the requirements and use cases defined should not be specific to a handful of products that are represented within the working group, but apply to the workflows present across the financial indsutry.

Format of the working group

The outcome of the working group should not be to define a definitive list of use cases and requirements that must be satisfied by the standards. Instead we need to use these use cases to agree what the standards should and should not cover.

The requirements should guide each working group when defining their standards, helping to validate assumptions and answer open questions. As new interop scenarios come to light we should agree by consensus whether we support them in our use cases and standards, or not.

This will be an evolving list, that initially will be used as the starting point to define our unvierse of interop.

Proposed Agenda:

1. Define 2-3 personas and map multiple interop scenarios for each persona that we want to support. These scenarios should be completely free of implementation and focus solely on the end user workflow
2. Identify what components are needed to make these use cases possible: these components should align with the existing working groups
3. Map what needs to happen in each component to deliver the use case: these should augment the existing requirements for each working group.
4. Representatives of the use cases working could be part of the remaining working groups to ensure the standards are aligned.

Example Use Case

The below scenario is just one that could be supported with our interop standards:

User type: **Sell Side Equity Trader**
On their desktop they have:
* Their firms proprietary research & analytics platform containing liquidity tools and internal research. The product is running and the liquidity tool is open
* An installed chat application - product is running
* A third party research & analytics platform with 3 open apps:
* A Watchlist
* An Order Book
* An Overview of pricing and fundamental data
* A third party EMS - product is running, no apps are open
* A third party Charting Application hosted in a web browser. This is currently not open

Use Case 1:

The user receives a message in the chat application containing an instrument identifer. They want to see what applications can provide analysis on this identifier, and so right click on the instrument in the chat app. They have the option to launch an app in the proprietary platform, or in the third party analysis app, or both. The user decides to launch a new instance of the proprietary analysis app.

Use case 2

The user wants to make a trade from the open order book in the third party. They double click on the trade order and a trade ticket is launched in the EMS with the instrument, amount and side filled.

Use Case 3

The user wants to see liquidity information on the orders they have in the third party order book. They analyse the liquidity of a number of the orders in the order book using the liquidity tool.

Use Case 4

The user wants to open a charting application to do some technical analysis on the instruments in their watchlist. The third party platform has a charting application that could be launched, or the third party chart application could be launched. The user right clicks and selects a chart option and both Chart apps are launched.

Open Questions

- Will our firms let us share user worklfows and business use cases?
- Should the use cases be product specific (eg Eikon + Autobahn or openfin + Factset specific business scenarios) or generic (e.g. raise trade ticket, execute trade, do post trade analysis)?
- Who is the the right audience for the use cases working group?