

## CLAIMS

1. A system for visualizing a system architecture comprising:
  - a memory that stores executable instructions;
  - a user interface including a display and a data entry apparatus;
  - a processor that executes the executable instructions, the executable instructions including code that cause the system to:
    - store, via a database, for each of a plurality of capability blocks, a functional category, a function title, a financial function description, and representative executable code associated with a financial system function, wherein each of the plurality of capability blocks has a plurality of sides, wherein the function title is associated with a first side of each of the plurality of capability blocks, the financial function description is associated with a second side of the plurality of capability blocks, and the representative executable code is associated with a third side of each of the plurality of capability blocks, and wherein the second side is adjacent the first side and the third side is adjacent the first side;
    - display, at a first portion of the display, the plurality of capability blocks, each of the plurality of capability blocks representing a financial system function;
    - receive selection of one of the plurality of capability blocks;
    - receive an indication of a location for placement of the selected one of the plurality of capability blocks on a second portion of the display;
    - adjust the display to place the selected capability block at the indicated location of the second portion of the display;
    - receive a user interface event corresponding to one of the plurality of capability blocks; and
    - responsive to receiving the user interface event, rotate the corresponding one of the plurality of capability blocks to present descriptive data about the one capability block, wherein the descriptive

data is one of the function title, the financial function description, and the representative executable code.

2. The system of claim 1, wherein the corresponding one of the plurality of capability blocks is rotated to reveal the function title, the financial function description, or the representative executable code.
3. The system of claim 1, wherein the second side is opposite the third side.
4. The system of claim 1, wherein the corresponding one of the plurality of capability blocks is rotated in a first direction to reveal the financial function description and rotated in a second direction to reveal the representative executable code.
5. The system of claim 1, wherein each of the plurality of capability blocks is characterized for its respective functional category by one of shape or color.
6. The system of claim 5, wherein the categories are selected from the set comprising: product functions, risk management, core functions, value-add functions, payment enablement, ecosystem functions, and insight functions.
7. The system of claim 1, further comprising code to cause the system to store, via the database, for each of the plurality of capability blocks, a software code module that performs a function according to the respective financial system function.
8. The system of claim 7, further comprising instantiating the respective software code module for each of the plurality of capability blocks that is represented in the second portion of the display.

9. The system of claim 8, wherein the instantiated software code modules communicate with each other via a web services protocol to emulate the respective functions of the capability blocks represented in the second portion of the display.
10. The system of claim 7, wherein the descriptive data is one of the function title, the financial function description, and representative executable code for the software code module.
11. The system of claim 10, wherein the corresponding one of the plurality of capability blocks is rotated in a first direction to reveal the financial function description and rotated in a second direction to reveal the representative executable code.
12. A method for modeling a system architecture comprising the steps of:
  - storing, via a database, for each of a plurality of capability blocks, a functional category, a function title, a financial function description, and representative executable code associated with a financial system function, wherein each of the plurality of capability blocks has a plurality of sides, wherein the function title is associated with a first side of each of the plurality of capability blocks, the financial function description is associated with a second side of the plurality of capability blocks, and the representative executable code is associated with a third side of each of the plurality of capability blocks, and wherein the second side is adjacent the first side and the third side is adjacent the first side;
  - displaying, at a first portion of a display, the plurality of capability blocks, each of the plurality of capability blocks representing a financial system function;
  - receiving a selection of one of the plurality of capability blocks;
  - receiving an indication of a location for placement of the selected one of the plurality of capability blocks on a second portion of the display;

adjusting the display to place the selected capability block at the indicated location of the second portion of the display;

receiving a user interface event corresponding to one of the plurality of capability blocks; and

responsive to receiving the user interface event, rotating the corresponding one of the plurality of capability blocks to present descriptive data about the one capability block, wherein the descriptive data is one of the function title, the financial function description, and the representative executable code.