

CLAIMS

1. A computer-implemented method including:
identifying a first application, the first application being a computer executable program;
displaying, in a user interface, a first display object associated with the first application,
wherein the first display object includes a first set of selector objects displayed in the first display object and includes a mapping between the first set of selector objects and one or more parameters of the first application, wherein a selector object is configured for input of a value of at least one of the one or more parameters mapped to that selector object;
identifying a second application, the second application being a computer executable program;
displaying, in the user interface, a second display object associated with a second application, wherein the second display object includes a second set of selector objects and includes a mapping between the second set of selector objects and one or more parameters of the second application; and
in response to receiving an indication of a user action that associates the second display object with the first display object, configuring the first application to invoke the second application; and
creating a third display object that includes the first set of selector objects and the second set of selector objects;
wherein the first display object that includes the first set of selector objects mapped to one or more parameters of the first application is displayed in the graphical user interface independent of an indication of a relationship between the first display object and the first application to which the first set of selector objects are mapped, independent of an indication of a relationship between the first set of selector objects and the first application to which the first set of selector objects are mapped and independent of an indication of a relationship between the first application and the second application.
2. The method of claim 1, further including reading the second display object from a file.
3. The method of claim 1, further including generating a third application for configuring the first application and the second application using the user interface.
4. The method of claim 3, wherein the third application includes a first display object and a second display object; and
changing a value associated with the first display object changes a value associated with the second display object.

5. The method of claim 1, wherein the first application is a first dataflow graph and the second configurable application is a second dataflow graph.
6. The method of claim 5, including associating the second application with the first application by configuring the first dataflow graph to execute the second dataflow graph.
7. The method of claim 1, wherein input of the value includes selection of the value.
8. The method of claim 1, wherein creating the third display object includes saving the first set of selector objects in the first display object and the second set of selector objects in the second display object as a third display object; and
at a time that is subsequent to the saving, causing display of the third display object in another graphical user interface.
9. The method of claim 1, further comprising changing a value associated with the first display object;
wherein changing the value associated with the first display object changes a value associated with the second display object.
10. The method of claim 1, further comprising changing a value associated with the first display object;
wherein changing the value associated with the first display object changes an identification of the second application.
11. A non-transitory computer storage medium encoded with computer program instructions that when executed by one or more computers cause the one or more computers to perform operations including:
identifying a first application, the first application being a computer executable program;
displaying, in a user interface, a first display object associated with the first application, wherein the first display object includes a first set of selector objects displayed in the first display object and includes a mapping between the first set of selector objects and one or more parameters of the first application, wherein a selector object is configured for input of a value of at least one of the one or more parameters mapped to that selector object;
identifying a second application, the second application being a computer executable program;

displaying, in the user interface, a second display object associated with a second application, wherein the second display object includes a second set of selector objects and includes a mapping between the second set of selector objects and one or more parameters of the second application; and
in response to receiving an indication of a user action that associates the second display object with the first display object, configuring the first application to invoke the second application; and
creating a third display object that includes the first set of selector objects and the second set of selector objects;

wherein the first display object that includes the first set of selector objects mapped to one or more parameters of the first application is displayed in the graphical user interface independent of an indication of a relationship between the first display object and the first application to which the first set of selector objects are mapped, independent of an indication of a relationship between the first set of selector objects and the first application to which the first set of selector objects are mapped and independent of an indication of a relationship between the first application and the second application.

12. The medium of claim 11, wherein the operations further include reading the second display object from a file.

13. The medium of claim 11, wherein the operations further include generating a third application for configuring the first application and the second application using the user interface.

14. The medium of claim 13, wherein the third application includes a first display object and a second display object; and

changing a value associated with the first display object changes a value associated with the second display object.

15. The medium of claim 11, wherein the first application is a first dataflow graph and the second configurable application is a second dataflow graph.

16. The medium of claim 15, wherein the associating the second application with the first application includes configuring the first dataflow graph to execute the second dataflow graph.

17. The medium of claim 11, wherein the operations further comprise changing a value associated with the first display object;

wherein changing the value associated with the first display object changes a value associated with the second display object.

18. The medium of claim 11, wherein the operations further comprise changing a value associated with the first display object;

wherein changing the value associated with the first display object changes an identification of the second application.

19. A system comprising:

one or more computers and one or more storage devices storing instructions that are operable, when executed by the one or more computers, to cause the one or more computers to perform operations comprising:

identifying a first application, the first application being a computer executable program;

displaying, in a user interface, a first display object associated with the first application, wherein the first display object includes a first set of selector objects displayed in the first display object and includes a mapping between the first set of selector objects and one or more parameters of the first application, wherein a selector object is configured for input of a value of at least one of the one or more parameters mapped to that selector object;

identifying a second application, the second application being a computer executable program;

displaying, in the user interface, a second display object associated with a second application, wherein the second display object includes a second set of selector objects and includes a mapping between the second set of selector objects and one or more parameters of the second application; and

in response to receiving an indication of a user action that associates the second display object with the first display object, configuring the first application to invoke the second application; and

creating a third display object that includes the first set of selector objects and the second set of selector objects;

wherein the first display object that includes the first set of selector objects mapped to one or more parameters of the first application is displayed in the graphical user interface independent of an indication of a relationship between the first display object and the first application to which the first set of selector objects are mapped, independent of an indication of a relationship between the first set of selector objects and the first application to which the first set of selector objects are mapped and independent of an indication of a relationship between the first application and the second application.

20. The system of claim 19, wherein the operations further include reading the second display object from a file.
21. The system of claim 19, wherein the operations further include generating a third application for configuring the first application and the second application using the user interface.
22. The system of claim 21, wherein the third application includes a first display object and a second display object; and
changing a value associated with the first display object changes a value associated with the second display object.
23. The system of claim 19, wherein the first application is a first dataflow graph and the second configurable application is a second dataflow graph.
24. The system of claim 23, wherein the associating the second application with the first application includes configuring the first dataflow graph to execute the second dataflow graph.
25. The system of claim 19, wherein the operations further comprise changing a value associated with the first display object;
wherein changing the value associated with the first display object changes a value associated with the second display object.
26. The system of claim 19, wherein the operations further comprise changing a value associated with the first display object;
wherein changing the value associated with the first display object changes an identification of the second application.
27. A system comprising:
means for identifying a first application, the first application being a computer executable program;
means for displaying, in a user interface, a first display object associated with the first application, wherein the first display object includes a first set of selector objects displayed in the first display object and includes a mapping between the first set of selector objects and one or more

parameters of the first application, wherein a selector object is configured for input of a value of at least one of the one or more parameters mapped to that selector object;

means for identifying a second application, the second application being a computer executable program;

means for displaying, in the user interface, a second display object associated with a second application, wherein the second display object includes a second set of selector objects and includes a mapping between the second set of selector objects and one or more parameters of the second application; and

in response to receiving an indication of a user action that associates the second display object with the first display object, means for configuring the first application to invoke the second application; and

means for creating a third display object that includes the first set of selector objects and the second set of selector objects;

wherein the first display object that includes the first set of selector objects mapped to one or more parameters of the first application is displayed in the graphical user interface independent of an indication of a relationship between the first display object and the first application to which the first set of selector objects are mapped, independent of an indication of a relationship between the first set of selector objects and the first application to which the first set of selector objects are mapped and independent of an indication of a relationship between the first application and the second application.