

## 23

17. A computer program product stored on a machine readable medium, comprising instructions operable to cause a programmable processor to:

navigate a first visualization scene of a relational database in response to a user input, wherein the first visualization scene has context information and contains a wormhole having a context information attribute to store the first visualization scene's context information; and

receive a notification event to jump through the wormhole from the first visualization scene to a second visualization scene by rendering the second visualization scene according to the context information stored in the wormhole's context information attribute.

18. The computer program product of claim 17, wherein the second scene has a scene parameter, further comprising instructions operable to cause a processor to provide the context information from the first scene to the second scene by setting the value of the scene parameter using the context information from the first scene.

19. The computer program product of claim 18, wherein the context information from the first scene is a global parameter, a scene parameter, or a query parameter.

## 24

20. The computer program product of claim 18, wherein the context information from the first scene comprises one or more global parameters.

21. The computer program product of claim 17, wherein the first scene is located a first distance from a viewpoint, the second scene is located a second distance from the viewpoint, and the wormhole projects from the first scene to the second scene based on the first and second distances.

22. The computer program product of claim 21, further comprising instructions operable to cause a programmable processor to dynamically generate a relational database query in response to the received notification event.

23. The computer program product of claim 17, wherein the first scene has a first zoom factor and the first distance is proportional to the inverse of the first zoom factor.

24. The computer program product of claim 23, wherein the second scene has a second zoom factor and the second distance is determined from the first distance and the inverse of the second zoom factor.

\* \* \* \* \*