**JIVE- JAVA INTERACTIVE VISUALISATION ENVIRONMENT**

1) JAVA INTERACTIVE VISUALISATION ENVIRONMENT

2) interactive execution environment for Eclipse

JIVE HAVE THESE MANY FEATURES

1) Interactive Visualizations

JIVE depicts both the runtime state and call history of a program in a visual manner

a)Object Diagrem

The runtime state is visualized as an enhanced object diagram, showing object structure as well as method activations in their proper object contexts

b)Sequence Diagrem

The call history is depicted as an extended sequence diagram, with each execution thread shown in a different color

## 2) Query-based Debugging

## 3) Reverse Stepping

## What we Look in This Tutorial is about

## Execution Trace

## -JIVE Execution trace which is fundamental to JIVE diagrams

## -JIVE Execution Trace trace out the complete program and it gives us the line by line information about what all things are happening in your program.

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