

Off-Line Documentation template:HLEvents application

1) Operational Goals

- exercise all the IAC channels to Benchmark the throughput of each channel
- provide performance stats on the messaging alternatives
- to create a step-by-step log of how I create applications using DinkClass
- maybe implement a throughput optimization with respect to the size of the data sent.

2) Fundamental, "key", or cornerstone architectural requirements (POSTMORTEM)

- Need to implement a message sending scheme with an IAC channel independent API
- need to implement a message receiving scheme
- need to do some kind of profiling on the schemes.
- need a user interface to the message protocol used and the size of the messages sent.

3) Programming paradigm and language independent model of the implementation fulfilling FOR EACH key requirements (POSTMORTEM)

- stub out the profiling and user interface using a dummy function call to do the messaging.
- place all the messaging code in the DApplication subclass and use the DDocument and DWindow subclasses just for display of the tests.
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4) Impact/scope of the implementation on the existing body of code FOR EACH key requirement. (POSTMORTEM)

use lots of details

5) Coding notes (gotchas, warnings, process thoughts, items to revisit later...)

6) Testing notes(bug types, what made a bug hard to fix, what could have been done to catch it sooner....)

7) Process notes (what process did you follow, could it be improved)