DPCL Overview

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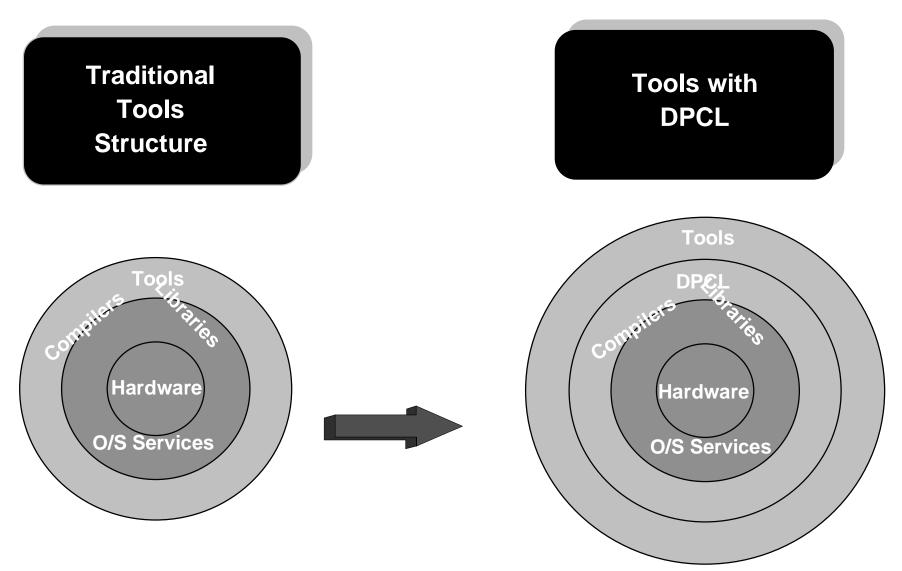
Motivation

- Problems to Solve
 - ► Too Many Requirements, Too Few Resources
 - Need a Better Solution
- Solution
 - Dynamic Probe Class Library (DPCL)

DPCL - Features

- Dynamic Instrumentation Software Probes
- C++ Based Class Library
- Language/Programming Model Independent
- Scaleable
- Built In Security
- A Platform to Enable Tools Developers To Build Tools With Less Time And Effort

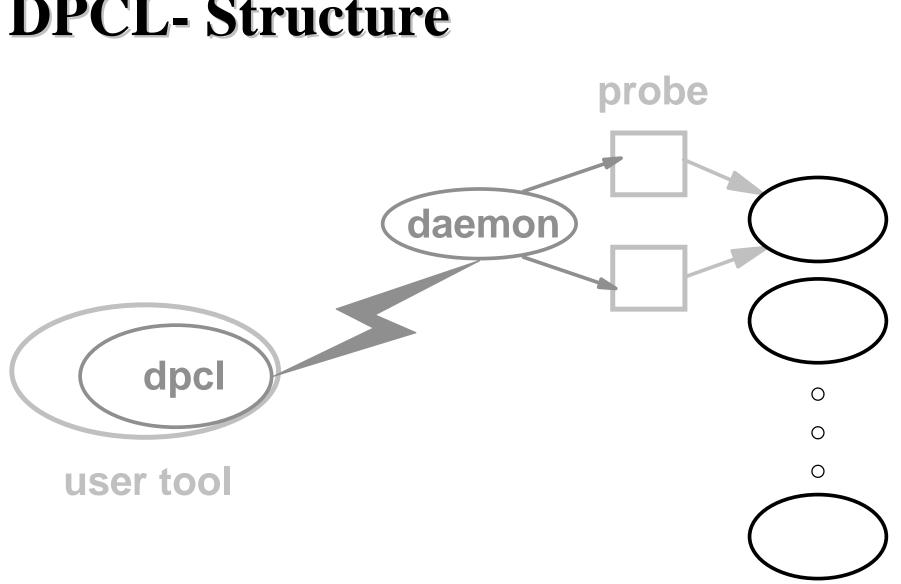
DPCL - Tools Platform



DPCL - Classes

- Application
 - PoeAppl
- Process
- SourceObj
 - Program, Modules, Functions, Data, Blocks
- InstPoint
- ProbeExp
- ProbeModules

Phases



DPCL- Structure

DPCL / DynInst Library

- Used By DPCL Daemon
- IBM Implementation in Progress
- Platform Independence
- Portability

DPCL - Status

- Beta Version Released June 1998
- Beta 2 Jan. 1999
- PTools Project
- Promote as a Cross Platform Standard
 Joint Project Agreement (JPA)
- Platform For Future Tools Development