

# Dynamic Analysis and RnD Tools Packages

**NOKIA**

**Matti Laitinen**

**Dynamic Analysis Tools / Nokia**

**29th Oct 2009**

# Package List

- Dynamic Analysis Apps
  - Carbide.c++ Extensions
- Dynamic Analysis Middleware
  - Commandline components, usually needed by the Carbide extensions
- Dynamic Analysis Control and Capture
  - Symbian side components
- RnD Tools
  - RnD Tools with Avkon UI, on App layer
- Platform Tools
  - PC side tools required by the build process, on MW layer
- OS RnD Tools
  - RnD Tools for textshell mode, on OS layer

# Tool List

- MemSpy
- Analyze Tool
- Performance Investigator
- Crash Analyser
- Creator
- Launcher
- ScreenGrabber
- Load Generator
- Performance Monitor
- HTI
- STIF
- Bmconv
- Mifconv

# Current Activities

- Open System Trace for SF
- SMP safe and awareness
- Qt support
- Dynamic analysis alignment
- Tools maintenance, smaller feature development
  
- Package ownership change

# Open Issues and Concerns

- Contributions based on big bundles from Nokia – community missing
  - Development mode change would require commitment from the other membership companies as well
- Symbian side code delivery model – PDK vs PDT
  - Unclear guidelines
  - Dependencies to a specific PDK release
  - Test tools under RnD tools package just to get it for PDK
- Confusing package model
  - One tool development split to several packages
  - Would be more logical to follow one tool development rather than a package / several packages

# Comments or questions?

Email support: [Matti.T.Laitinen@nokia.com](mailto:Matti.T.Laitinen@nokia.com)