



Real-Time Tool Kit (RTTK)

Real-Time Data. Real-World Analysis.

Highlight:

FishEye Software's™ Real-Time Tool Kit (RTTK) is a highly scalable and distributable system for real-time data logging, providing support for rapid data analysis and system integration. RTTK delivers extraordinary flexibility for the development and operation of mission critical real-time systems. Real-Time applications gain rapid productivity with reduced development risk through the use of off-the-shelf technology while providing a growth path to multi-system program interoperability. Use RTTK and get the benefits of being able to access application data from day-one and accelerate your product deliveries!

Features at a Glance

- Off-the-shelf real-time data recording service
- Analyze integrated data from multiple systems
- Generates standards-based HDF5 log files
 - Extensible to support XML and proprietary formats
 - Standardized data format easily accessible by a variety of COTS products
- Platform and language independent Solution Space
 - Native support for C/C++, and Ada
- Automated data extraction
- Near real-time data streaming & viewing



www.fisheyesoftware.com/rttk.htm

Real-Time System's Core Building Block

Real-time system development and operation require core data recording and analysis capabilities for debugging, performance assessment, and system verification. System development teams often are forced into a ground-up development of fundamental real-time and post processing tools that are needed early on in a projects' life cycle. This difficult approach burdens the development project with additional costs, engineering resources, training and support, while adding risk and jeopardizing the delivery of the projects' objectives.

FishEye Software's™ Real-Time Tool Kit (RTTK)

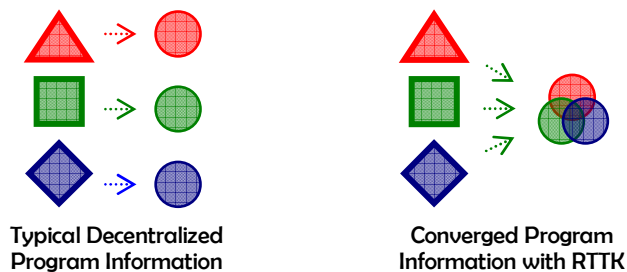
FishEye Software's™ Real-Time Tool Kit provides a highly scalable real-time recording and analysis solution. Real-time projects gain rapid productivity and reduced development risk through RTTK's platform-independent, easy to use and simple to understand off-the-shelf technology.

The Real-Time Tool Kit includes:

- *Management Console for Real-Time test runs and recording management*
- *Data Logging Service Application Interface with real-time Cache server with high-performance industry-standard run-history storage.*
- *Automated Data Catalog Generation for extracting data structures direct from source code (C/C++ and Ada)*
- *Analysis Tool Set for reviewing and extracting real-time run data as well as multiple run comparison*
- *Interfaces for linking to Databases, MATLAB, and Text files*

Program Integration

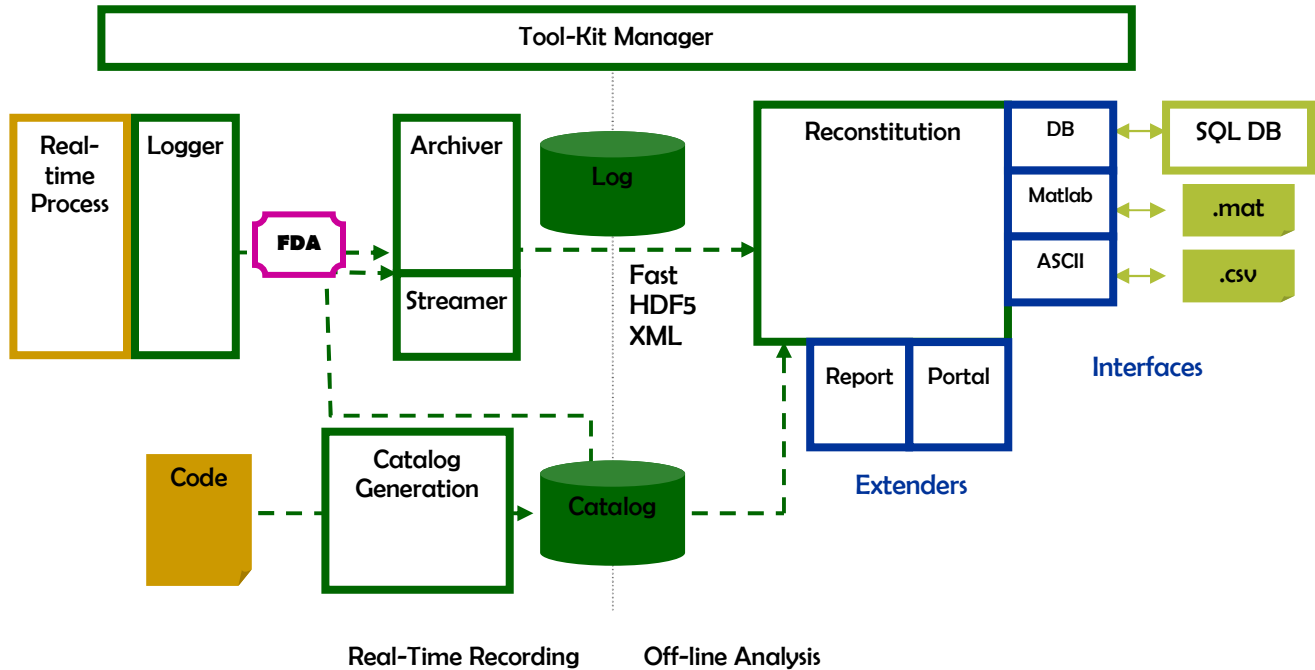
Real-Time Tool Kit is made from the ground up to support real-time systems while delivering interoperability in a multi-system environment. RTTK provides data in a standardized platform-independent format that you can access through COTS or user developed tools. This allows you to use the same tool set for all your systems



Benefits:

The Real-Time Tool Kit eliminates the expense and risk of developing custom solutions. Benefits of using Real-Time Tool Kit include:

- Lower program risk
- Cost savings through reduced development and reduced training
- Interoperability across systems, platforms, and programs
- Accelerated system development and integration
- Your development team focuses on your company's core competency



Project Solutions:

FishEye Software™ offers a complete package in support of your project. You choose the components your project needs as well as implementation and training services. FishEye Software™ also offers Software Maintenance Support and Upgrades so you can keep your technology investment current.

Getting Started

To get started call 1.978.461.0100 or email rttk@fisheyesoftware.com for a live demonstration and available options.



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Real Time Tool Kit Components:

Tool-Kit Manager	Real-time & Off-line Tool-Kit Control Console – Browser Console provides: <ul style="list-style-type: none"> • Run Configuration Manager • Catalog Generation Management • View Fundamental Data Artifact (FDA) • FDA Logging Control (on/off, threshold)
Archiver	Fundamental Data Artifact Buffer
Streamer	Near real-time streaming of data
Catalog Generation	Format definitions of Archived or Streamed data
Fundamental Data Artifact (FDA)	Fundamental Data Artifact (FDA) – Real-time event data structure logged and analyzed.
Log	File store of real-time events. Available in HDF5 or extensible to support XML and proprietary formats
Logging	Buffers Fundamental Data Artifact to Memory
Reconstitution	Log file interpretation and Catalog management tool kit
Portal Extender	Tool Kit Extender for real-time run Dashboard and browser-based user interface.
Report Extender	Tool Kit Extender for Reporting (Oracle Reports or Crystal Reports)
ASCII Interface	Converts Log into text format (Comma or Text)
DB Interface	Links Log data with SQL databases. Automatic generation of FDA SQL tables
Matlab Interface	Links Log data with Matlab.