



From Design to Deployment with RTI Tools

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Connex DDS Micro + RTI Tools

Design



RTI® System Designer

Graphically design and configure all the aspects of a Connex DDS distributed system

Develop



RTI® Code Generator

Simplify Development of Connex DDS Applications

Micro Application Generator

Decouple application logic and DDS system definition

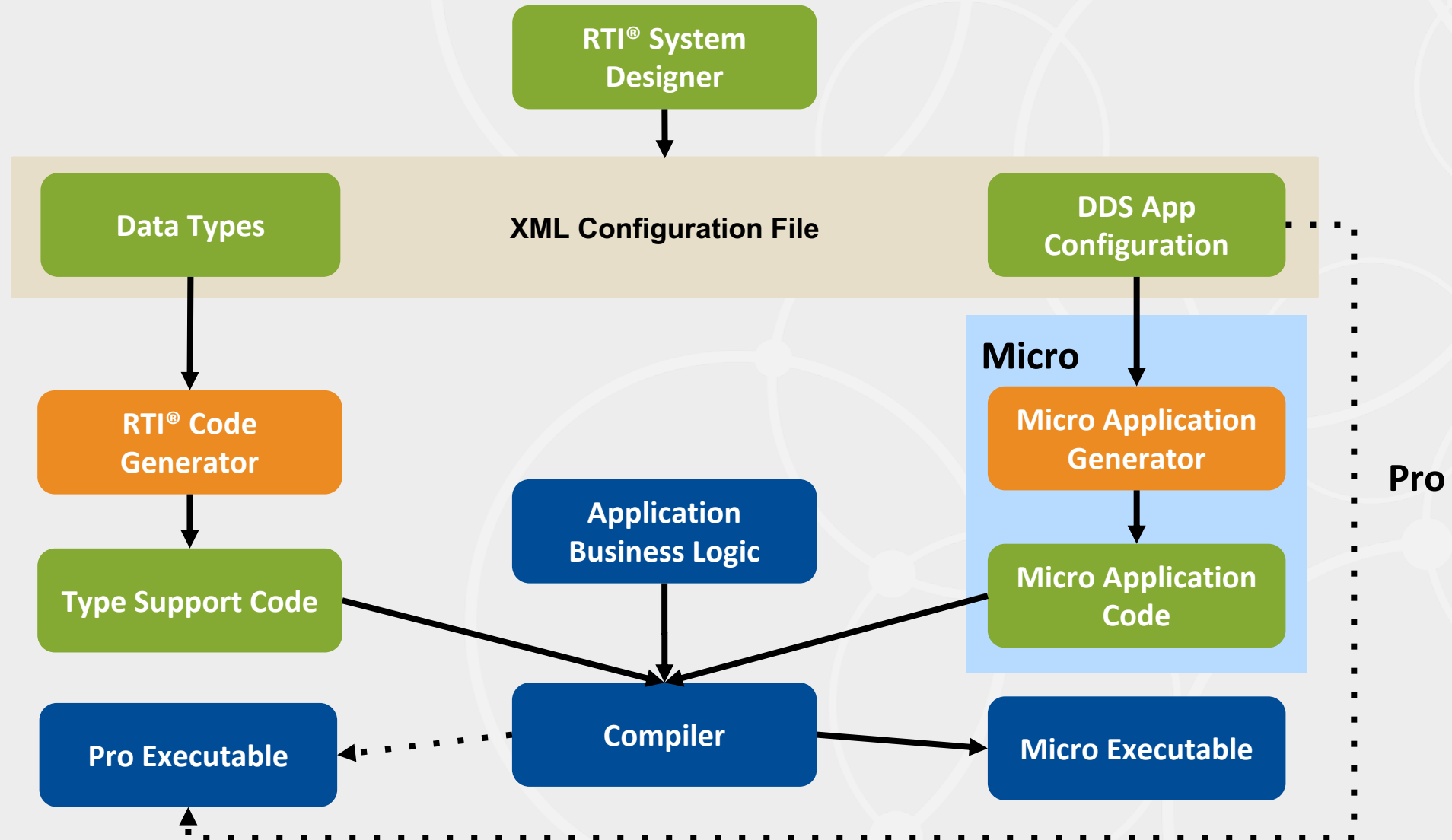
Test



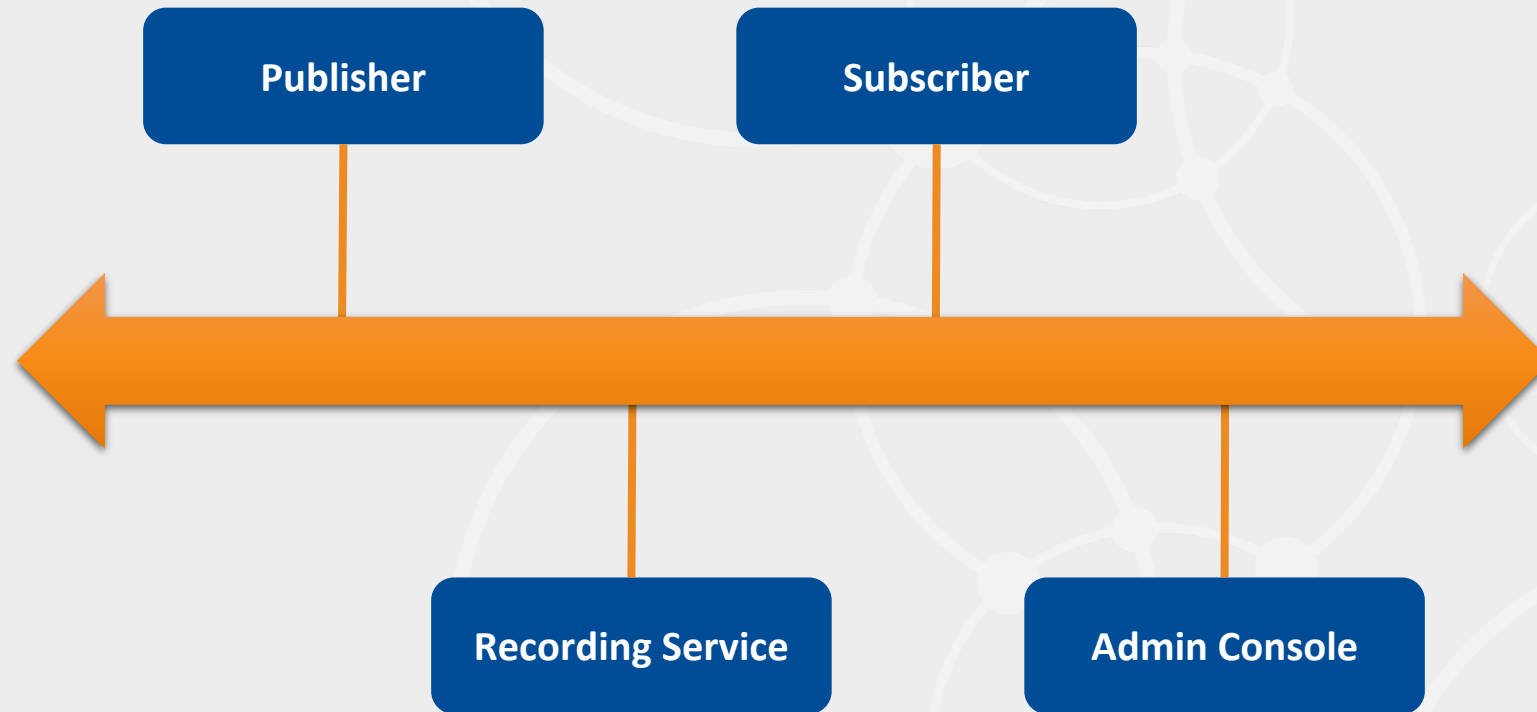
RTI® Recording Service

Capture DDS data into permanent storage

Development Workflow



Temperature Sensor Demo



Takeaways

RTI

COMMUNITY

Home

Data Distribution Service (DDS) Community

RTI Connex Users

RTI.com

RTI Blog

RTI Github

RTI Labs

RTI Case

Navigation

• Forums

• Knowledge Base

- Best Practices
- Examples
- HOWTOs
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- Glossary

• ROS2-DDS Resources

• University and Research

- Projects
- Papers

• Presentations

• Documentation

- Downloads
- Videos

• Getting Started

• File Exchange

User login

Username *

Password *

Create new account

Request new password

Log in

Knowledge Base

Knowledge Base: Search

Search

Most Popular Entries

- How to resolve the error "The application was unable to start correctly (0xc0150002). Click OK to close the application."
- How to reduce latency in Windows by disabling the Internet coalescing
- What causes the message "The NPF driver isn't running" when running RTI Protocol Analyzer with Wireshark on a Windows Vista system?
- Why do I get "Fatal error: C1083: Cannot open compiler generated file" when using Visual Studio?
- Using QoS Profiles
- Don't Force Topic Names to be the Same as Type Names
- What network port numbers does RTI Connex use?

Recently Updated Best Practices

- Transference: Purchase Discounts On Fresco
- Use Modern C++ Types Correctly
- Use VioSafe, Except When You Need Extreme Latency
- Don't Use the same Permissions File for all Domain/Participants
- QoS Profile Inheritance and Composition Guidance
- Modern C++ API: Consider Using a ListenerBinder Instead of a Raw Listener Pointer
- Modern C++ API: Don't Declare Entities As Pointers

Recently Updated Examples

- Routing Service Contained WAN Example
- Ordered Presentation Group
- Asynchronous WaitSet
- Built-in QoS Profiles
- Recursive Data Type
- FlatData Latency
- Dynamic Data Access Union Discriminators

Recently Updated Solutions

- Failure to Create a Participant due to Insufficient Shared Memory Kernel Settings
- Why do I get a context filter compile error?
- Improve performance accessing types containing sequences and arrays in RTI Connector
- Creating a Docker image with RTI Connex DDS
- Reading RTI Monitor data from a DDS application
- How do I create a Connex DDS application with RTI Code Generator and build it on my ARM-embedded target?
- Using RTI Connex DDS on the NVIDIA Jetson Nano

Recently Updated Glossary Terms

- Middleware
- Communications Model
- DDS
- Interoperability
- Interoperation
- Point-to-Point
- Publish-Subscribe

Try a full version of Connex DDS for 30 days

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