

TRESYS TECHNOLOGY: ANNOUNCEMENT

REDUCE THE RISK WHEN DEALING WITH BINARY DATA FORMATS

Columbia, MD - November 29th, 2017 – Data integration is one of the toughest challenges that organizations face. With new technologies being implemented, binary data formats, whether in active use today or from legacy systems, can hamper modernization efforts and increase costs substantially. Data formats such as Link16 and VMF prove highly challenging because their widespread use means they are essential, but their longevity and success dates from early minicomputers with relatively slow communications, so they are dense bit-packed formats.

With the release of Daffodil 2.0, dealing with these essential data formats is far easier. The ability to parse these formats into modern XML (or JSON), using a general purpose open-source parser and a standard declarative description of the format is a game-changer for software systems that need to handle these kinds of data. Developers can start from the problem they care about – understanding the data and taking action based on what it says – and avoid becoming entangled in the lower level syntactic bits-and-bytes issues. Daffodil provides the ability to both parse data from native form into XML/JSON and the symmetric capability to consume XML/JSON and write back out the native form.

The development of Daffodil/DFDL at Tresys has been funded by the DoD since 2011. Tresys has been involved in not only the formulation of the DFDL standard since 2012, but in multiple applications projects utilizing DFDL as well. Is your organization facing extreme data challenges? If so, reach out to us to see how we can help.

About DFDL

Data Format Description Language - a new standard from the Open Grid Forum (OGF) that describes data formats using annotated XML schemas. DFDL Schemas exist for STANAG 5516(LINK16), VMF, USMTF, GMTIF, NACHA, REMEDY, NITF, PNG, and many others.

About Daffodil 2.0

Open-Source Software Implementation of DFDL that converts data to/from XML or JSON.

About Tresys

Tresys Technology provides customers with comprehensive security solutions that meet the challenges of the most demanding environments in the world. Whether it's safeguarding classified or highly restrictive government networks, or ensuring the secure delivery of critical industrial, financial or operational data, clients have counted on Tresys for nearly two decades. Along with unparalleled industry expertise, Tresys' certified and accredited products protect information and ensure that the appropriate data gets to the correct location in a timely and secure manner. For more information, please go to www.tresys.com, Facebook, Twitter, or LinkedIn.

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