



UPM Team Member Profile

Name: Alan Jacobs

Position: Associate

Current Engagement: Developing capability for DOORS to manage assumptions, dependencies and requirements across enterprise-wide capabilities, programmes and projects for UK MoD
Developing suite of tools to assist with the construction of a major new DOORS requirements database for a large UK defence contractor

Past Roles: Technical Manager, Alsys Ltd
(UK software tools vendor for Ada programming language)

Years in the Industry: over 30 years

Specialties: Definition and construction of information models for DOORS projects
Development of tools to support DOORS-related processes
Provision of training in the use of DOORS for requirements management
Provision of training in the use of programming languages including C# and the DOORS customisation language, DXL

Summary:

Alan has over thirty years experience in the software industry especially with the design and implementation of software development tools including the early development of IDEs. For the past twelve years he has been working as an independent consultant specialising in software tool development, programming language training, and requirements management using IBM Rational DOORS.

Alan first encountered DOORS in 1997 as version 3 was launched and since then has helped numerous clients adopt DOORS as part of their requirements management process. Building on his deep background in software development, Alan has become a proficient practitioner in DXL, the proprietary customisation language embedded in DOORS and has built a number of major extensions to DOORS to handle such applications as assessment of bid responses and exchange of information between DOORS databases. Alan has regularly delivered training courses in DXL to DOORS users wishing to attempt their own customisations. He has also helped customers with the migration of requirements from other systems into DOORS.

Drawing on his experience, technical knowledge and inter-personal skills, Alan works with clients to establish an information model for their process, map it to DOORS and develop any customisations needed to fully realise its implementation.