# Abstract test suite

# What it is

- General test template
- General pass criteria
- Collection of testing scenarios with implementation-specific behavior parameterized or abstracted out
- Functional tests, typical case tests, capacity tests, error case tests

# Why it is

- TGDC Resolution #25-05, item 4 (test methods)
- TGDC Resolution #26-05, "Uniform Testing Methods and Procedures"
- Improved reproducibility

# Where it is

- Draft VVSG2 Sec. 4.2.3.5 *et seq.*

# How it is different

- Augments implementation-dependent, white box structural and functional testing specified in 2002 VSS
- Raises the baseline level of testing that all systems must pass
- Error rate, MTBF determined from statistics collected across run of entire test suite

# Issues

- Implementation-dependent white box testing:  poor reproducibility, but hardly redundant
- Testing combinations of features requires extensive test suite

# Technical Guidelines Development Committee
## April 20, 2005 Plenary Meeting

# Discussion