

Instructions for Technology Guidelines

Description	The Technology Guidelines spreadsheet captures information about what technologies are in use today and are suggested for use in several scenarios in the future.
Version	0.1
Worksheet Definitions	
Technology Guidelines	The Technology Guidelines; see above.
Column Definitions	
Existing Standards	What is in wide use at MIT today and is therefore a de facto standard.
Recommendations for New Development of Enterprise Class Systems	Recommendations for technologies to use in developing enterprise systems in the future so that they complement and contribute to the enterprise architecture vision.
Recommendations for Department Mission Critical Systems	Recommendations for technologies to use in developing department mission critical systems so that they can be adequately supported in the enterprise environment.
Recommendations for Other Systems at MIT	General recommendations for non-enterprise and non-mission critical systems development.

MIT Technology Guidelines

	<i>Existing Standards</i>	<i>Recommendations for New Development of Enterprise Class Systems</i>	<i>Recommendations for Department Mission Critical Systems</i>	<i>Recommendations for Other Systems at MIT</i>
Server Hardware	Sun / Sparc Dell / Intel	*IF IS&T will maintain		
Server Operating System	Sun Solaris Red Hat Linux Windows (NT, 2000, 2003) Mac OS VM/CMS Novell Netware	Solaris Linux <i>(Need to develop criteria for deciding between recommended operating systems for projects)</i>		
Database Software	Oracle PostGres SQL Server 2000 My SQL Ingres FileMaker Adabas DB2	Oracle PostGres <i>(for small scale applications; need to determine transaction volume that qualifies as small scale)</i>		
Application Server Software	Tomcat / JRun / JBoss BEA WebLogic (5.0 - 8.1) Microsoft .NET	BEA WebLogic?		
Web Server	Apache IIS AOL Server	Apache		
Reporting Software	BRIO (Hyperion) Access Crystal Reports MS Query			
Desktop Operating System	Microsoft Windows (NT, XP, 2003) Mac OS Linux	Windows XP MAS OS 10		
Web Browser	IE (5.x, 6.x) on Windows Netscape Mozilla Safari Opera Lynx	IE Safari Mozilla Lynx <i>(in cases where meeting accessibility guidelines is important)</i>		
Programming Languages	Java C# PowerBuilder VB C Cobol etc.....	Java -> primary C -> only if necessary		
Scripting		Perl		