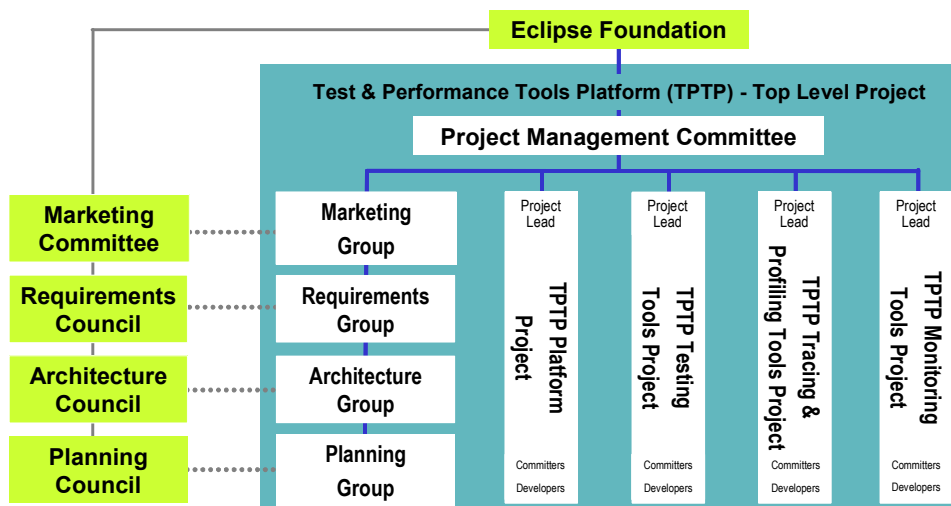


Eclipse™ TPTP Project Overview

- Eclipse **Test and Performance Tools Platform (TPTP)** Project is an Eclipse Top-Level Project
 - Formed in August 2004 by promoting and expanding Eclipse Tools Hyades Project which was formed in December 2002

- ***A generic, extensible, standards-based tool platform upon which specialized, differentiated, and interoperable test and performance tools can be created***



Sub-Project and Group (excluding Marketing Group) structure constituted per the TPTP Project charter and Marketing Group constituted by the TPTP PMC.

- Who is involved?



Computer Associates®



TPTP Technology Overview

- **User Interface:** GUI frameworks and common navigators, viewers, editors, and wizards. It provides many extension points to allow customization and extension in add-on products by vendors
- **Analysis:** A framework for running rule based queries against resources and reporting results and follow-up actions. This is the primary mechanism for analysis of source, logs and models that produces user action lists
- **Data Models:** EMF-based information model implementations for test, trace, log and statistical data
- **Execution Environment:** supports deployment, launch, and control of test cases and applications
 - Support for remote or distributed systems
 - Support for software probes using byte code insertion technology
- **Communication:** provides communication service for data collection & execution agents, agent controller, and presentation layer (typically in the Eclipse™ Workbench)
- **Data Collection:** provides a powerful framework for data collection on local, remote and distributed systems
 - Includes a number of useful data collectors (JVMPi, Perfmon, JMX and Logging) and test executors (JUnit, Web application, and manual)