

MattTux and MattCORBA

True Interoperability in a Heterogeneous Environment

MattTux and MattCORBA are new Matterhorn products that convert Pathway applications to TUXEDO middleware and to CORBA objects. MattTux and MattCORBA are designed for Tandem customers who wish to break away from proprietary software and to implement a more flexible and extendible architecture. With MattTux and MattCORBA, Tandem customers are on the road to true interoperability.

MattTux and MattCORBA deliver the ultimate flexibility when it comes to designing your future IT architecture. You do not have to settle for a permanent client interface, proprietary middleware, or a fixed server implementation. You may choose to use MattTux for part of your system, mix or combine it with MattCORBA as you wish - and at a pace that suits your IT strategies.

From Pathway to Corba

For Techies

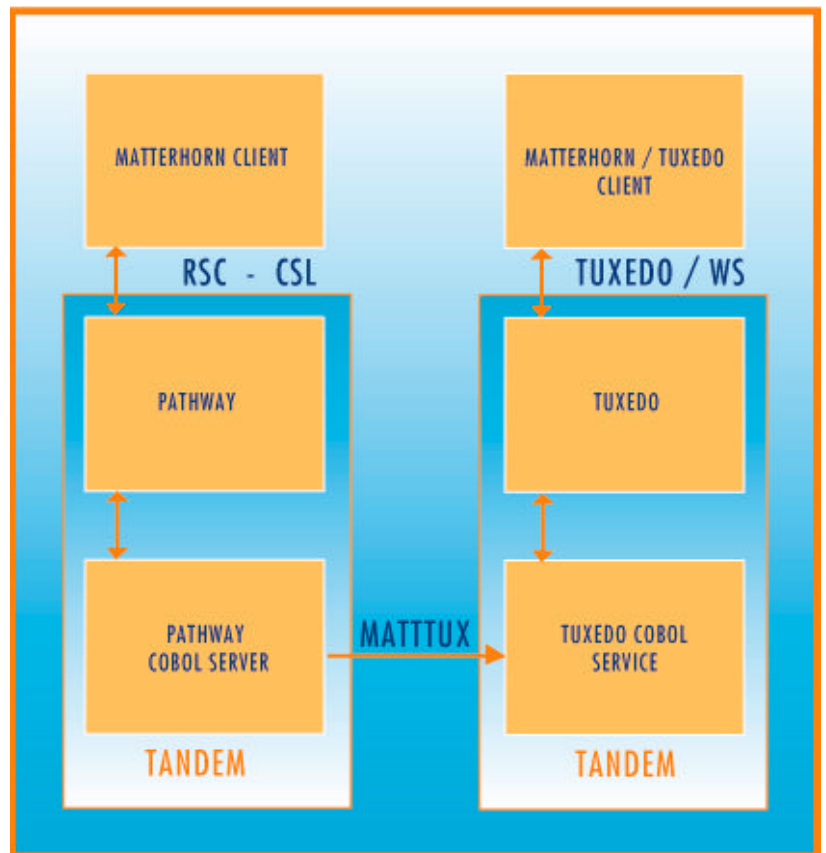
MattTux

MattTux is a source conversion tool converting Pathway cobol servers to TUXEDO cobol services. MattTux converts the Read/Write statements of the Pathway server to ANSI functions with input/output parameters, i.e. TUXEDO services. Matterhorn calls the TUXEDO servers using the TUXEDO API.

A Note on BEA TUXEDO

BEA TUXEDO has been characterized as the middleware which removes all the complexity of technical choices from applications writing. True to say that Tuxedo is the most widely deployed transaction middleware for building high-performance and reliable distributed applications. BEA TUXEDO provides the industry leading middleware framework for building scaleable 3-Tier client/server applications in heterogeneous, distributed environments.

With BEA TUXEDO, developers can successfully develop, manage and deploy transactional applications completely independent of the underlying communications, hardware, and database environment. Using TUXEDO middleware, applications can handle thousands of users accessing hundreds of servers and deploying millions of transactions. ALTA Copenhagen is a BEA Systems Alliance Partner.



MattCORBA

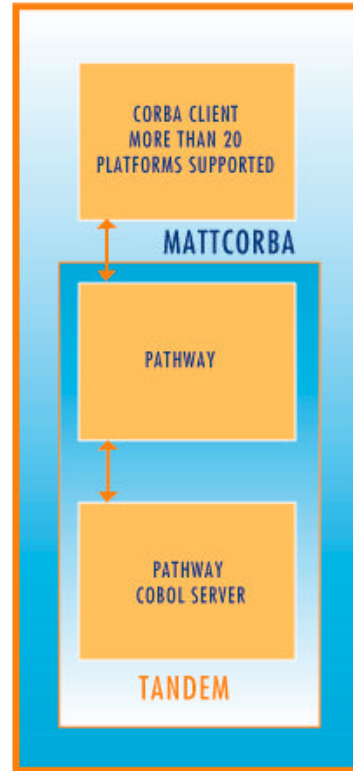
Today, most of the IT industry supports the CORBA standard. CORBA 2.0, which specifies the IIOP (Internet InterORB protocol), defines how ORBs from different vendors can operate. In other words, CORBA 2.0 allows applications to communicate with one another no matter where they are located or who has designed them.

MattCORBA generates wrappers that wrap Pathway Cobol servers and Tuxedo Cobol services. Technically, MattCORBA produces the IDL and C/C++ implementation code that makes the Pathway servers or Tuxedo services available as CORBA objects - objects which may then be called from any CORBA 2.0 client. This means that you may integrate your legacy system with more than 20 different platforms.

You can use MattCORBA in several ways: If you are running a Pathway system and wish to extend it directly to other platforms, you may do so by implementing MattCORBA. See Scenario 1.

You can also combine MattTux and MattCORBA. Initially, MattTux converts the Pathway servers to TUXEDO services and then MattCORBA wraps the services to CORBA objects. See Scenario 2 below.

Scenario 1



Scenario 2

