

# Shareworks™ for Mercator®

## Overview

Shareworks is a web-based version and change control application that was designed to allow the centralized management and collaborative development of Mercator objects. InfoPrag Inc. developed **shareworks** for Mercator to:

1. Automate the migration of changed Mercator objects to the appropriate environment
2. Provide developers with remote access to version and change control by using web technology
3. Provide an audit trail of who changed what and when they changed it
4. Assist developers with quickly locating the latest version of Mercator objects



With **shareworks**, Mercator users can:

- Develop Collaboratively
- Ensure accurate Migration of objects to the appropriate environments

Moreover, **shareworks** assists in Maximizing Efficiency, Ensuring Quality Control, and Increasing Productivity.

## What Makes Shareworks Different From Other Version Control Applications?

Two key factors separate **shareworks** from its competitors.

1. **Shareworks** delivers *migration path functionality*
2. *Uses web technology* to provide remote access

Sharework's ability to deliver a **structured migration approach for the migration of executable code** to various production and test environments is its key differentiating factor. It is critical that the migration path be controlled and structured **to ensure the latest versions of Mercator objects are correctly installed in production.**

### 1. "Automatic Migration" to Various Servers

Shareworks migrates Mercator objects based on a configured migration path to the various servers in the environment. Once configured, this pre-defined path becomes the default migration path and hence serves as an "auto" import feature.

### 2. Migration to Specific Servers

The shareworks administrator can override the default migration path. In the case of a production emergency, the administrator can override the default path and migrate a package of objects to a specific server.

### 3. Supports Migration to Heterogeneous Environments

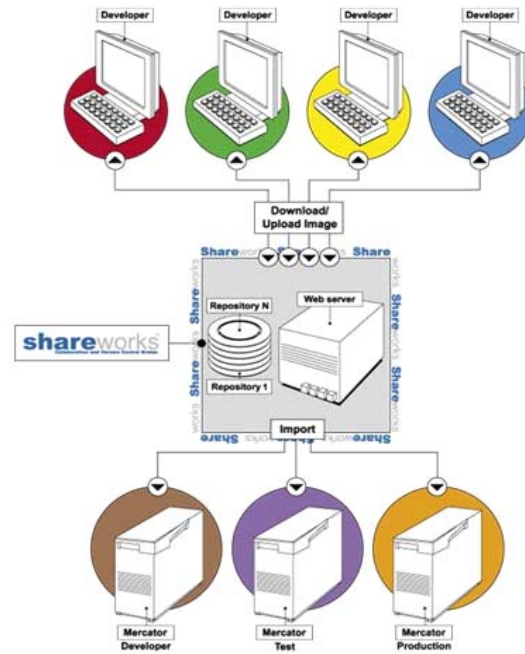
By defining executable formats for a Mercator map, shareworks is able to migrate different maps to the appropriate platform. For example an .aix map can be migrated to

the proper AIX platform, a .sun map to the Sun platform etc.

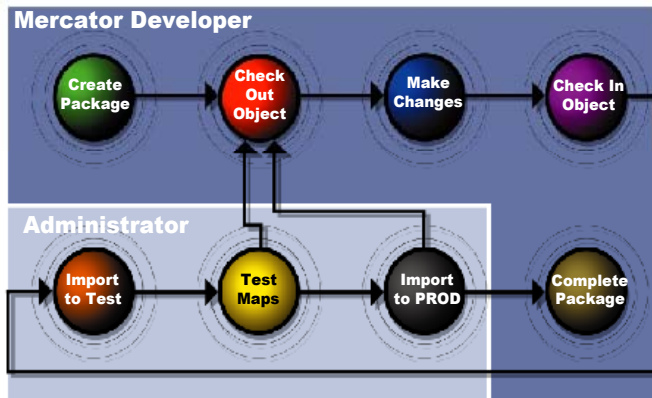
#### 4. Web-Based Application

As a web-based application that is equipped with its own repository, **shareworks** enables users to use their web browser to interact with **shareworks** and manage objects within the repository. This unique feature means that developers can have remote access to **shareworks** to check/in or check/out objects using their browsers and **shareworks** will continue to:

- Allow changes to a particular object to be made by only one developer at any given time
- Keep track of all versions
- Provide read-only copies of Mercator objects that are locked by another developer
- Allow access to particular objects only to specific developer groups authorized to change those objects



#### Process Flow



#### Hardware / Software Requirements

- Operating Systems:**  
Windows NT/Windows 2000
- Repository:**  
Oracle 8.x  
SQL Server 7.x  
ODBC
- Browser:**  
Windows Internet Explorer 5.x
- Webserver:**  
JSP Servlet Enabled

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