



maxChange software implementation

High-level development staff members are a very important resource with many demands on their time. It is impractical for such a valuable resource to be wasted on tasks that can be reliably automated.

Business Benefits

Using maxChange, you can be confident that any software delivery will execute properly. The implementation of software changes can be a hazardous operation as there are many pitfalls to the promotion of software. Some of these pitfalls can be prevented with better management using maxChange to avoid the high probability of user implementation error, combined with objects being missed or compiled over the wrong operating system.

Also some of your implementations will require the replacement of a large number of objects, this means the application is unavailable to users for significant lengths of time whilst you install the changes. An automated system will remove this problem and allow you to schedule implementations outside normal working hours unattended and fully automated. Research has shown that software development and subsequent go-live for any application involves many skilled teams to ensure success, maxChange has been developed with this in mind to assist in keeping those cost to a minimum.

Technical Benefits

Software Environments

To allow accurate movement from one development stage to another the movement system must have knowledge of each of your software environments. maxChange regards environments simply as lists of libraries, which have specific attributes, and rules attached to them. These rules define the type of object, which normally resides in a library and any compilation command overrides that must be used when compiling objects into this environment. With optional levels of security that can be defined, ensures the integrity of your data.

You Control the Implementation

Data integrity is ensured due to the automatic recompilation of all logical files related to any replaced physical file. Physical file data may be preserved and user programs executed to populate new fields with default values.

Security

maxChange has user definable security features that ensure that any movement can only take place with the approval of specified personnel. This approval is easily verifiable and provides automatic and comprehensive auditing features.

Tape Transfer

With maxChange's Tape Transfer functions you can issue and/or install software enhancements from a tape by simply issuing the LODRUN command, and there is no need for any receiving software on the target machine.

Auditing

Every software movement is audited. The reports produced include not only the objects, that are moved, but also the commands executed in order to achieve the movement. A full history of each software movement is retained.



Specifications

- Runs on any version of IBM OS/400
- Available in CISC or RISC Versions
- User defined rules for software promotion
- Automated movement no matter how complex your software application setup
- Fail-safe implementation with automatic restoration to its previously approved condition
- Built-in comprehensive security and approval system
- Complete movement history
- Override compile commands
- Fully Networkable
- Full Integration with all other Maximise modules and your existing environment both inbuilt and through shipped OS/400



For further **information**

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