HP DeskManager Intrinsics

Data Sheet

Access to HP DeskManager services from WITHIN your own application

HP DeskManager Intrinsics is a powerful new product extending the application integration capabilities available with HP DeskManager. HP DeskManager Intrinsics allow your application to access the core HP DeskManager services, such as electronic mail, calendar, directories and text converters, from outside of the HP DeskManager Application Umbrella.
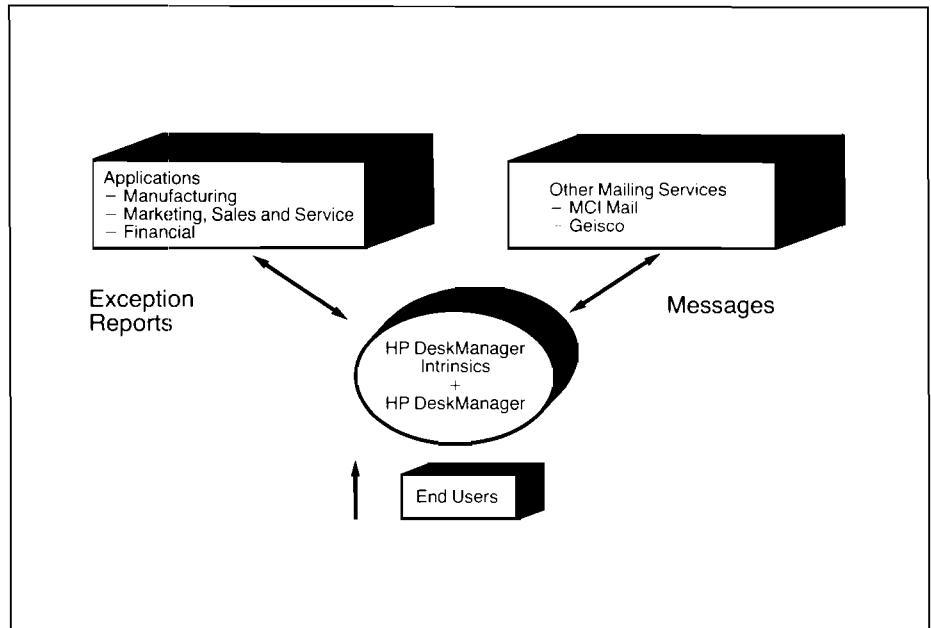
These powerful capabilities allow you to have a much higher level of integration within your total business solution.

HP DeskManager Intrinsics consist of USER, GATEWAY and SUPPORTING Intrinsics.

Applications
- Manufacturing
- Marketing, Sales and Service
- Financial

Other Mailing Services
- MCI Mail
- Geisco

Exception Reports

Messages

HP DeskManager Intrinsics + HP DeskManager

End Users

User Intrinsics

The User Intrinsics allow your application to log on as if it were an HP DeskManager user and then send and receive items, such as messages and reports, on behalf of that user. They also provide access to the Calendars of HP DeskManager users and the ability to insert and read standard Calendar items. These intrinsics are most useful for the automatic and timely distribution of reports and messages from the application to HP DeskManager users. They can also be used where the application is the principal user interface but requires a distribution service.
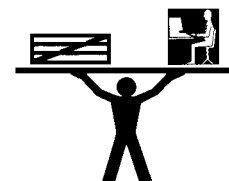
Gateway Intrinsics

The Gateway Intrinsics allow your application to log on as an HP DeskManager gateway (an external connection), and send or receive items such as messages and reports on behalf of any user associated with that gateway. The Gateway Intrinsics are a superior alternative to the HP DeskManager Foreign Service Connection (FSC) and should be used to develop applications that connect HP DeskManager to another messaging services such as MCI Mail or Geisco.

The advantages they can offer over the FSC include:

- Improved performance over an equivalent application
- Greater functionality (such as two way acknowledgements)
- Easier implementation (approximately 25% less time to integrate than with the FSC)

Supporting Intrinsics

The Supporting Intrinsics provide support for the User and Gateway Intrinsics. For example, they provide your application with the ability to look in the HP DeskManager directories for a given name or list of names, and the ability to convert a document from one format to another.

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A New Kind of Integration

HP DeskManager User Intrinsics allow integration between HP DeskManager and your own application in a new way. Your application can now be the "father" of the process with HP DeskManager as the "son". This means that you can use the core services of HP DeskManager from within your application; you do not have to leave your application to use them.

The User Intrinsics also allow your application to use the HP DeskManager services automatically. For example, exception reports generated by your manufacturing application indicating shortages or excessive inventory levels can be distributed automatically and in a timely fashion, using HP DeskManager, to those who need the information. Decision makers receive the right data, not just more data. This results in the following benefits:

- Improved stock management
- Improved purchasing decisions
- Improved forecasting

All these are benefits which ultimately impact your bottom line by allowing your organization to operate more effectively.

Feature Summary

User Intrinsics
HPDUserSignon – allows application to sign onto HP DeskManager like a normal HP DeskManager user.

HPDUserSend – allows application to send one message or reply at a time and forward to users on the HP DeskManager network.

HPDUserReceive – allows application to scroll through messages in the user's In Tray in sequence, returning both read and unread messages, or it allows the selective extraction of messages.

This intrinsic may also be used to return messages in the user's Pending Tray for tracking purposes.

HPDDiary – allows application to create items in the user's Calendar/Diary, to list the contents of the user's Diary selectively, and to extract or delete items selectively.

Gateway Intrinsics
HPDGateSignon – allows application to sign on to an HP DeskManager gateway.

HPDGateSend – allows application to send messages, replies and acknowledgements to users on the HP DeskManager network on behalf of any user associated with the gateway.

HPDGateReceive – allows application to scroll through the messages, replies or acknowledgements deposited on the mail node associated with the gateway, returning urgent messages followed by normal then deferred messages.

Supporting Intrinsics
HPDDeleteMsg – allows application to delete the last message accessed by the HPDUserReceive or HPDGateReceive intrinsics.

HPDNameProbe – allows application to search the HP DeskManager directories to verify one or more names, to extract or convert foreign address information, and to extract lists of configured users.

HPDExplain – returns a one line text message relating to the error code resulting from one of the other intrinsic calls.

HPDUtility – allows listing of the In Tray or Pending Tray either in full or selectively, and conversion of documents from one format to another (given the converters available on the system).

HPDTerminate – allows application to sign off as the HP DeskManager user.

Product Information

Hardware Requirements
- HP 3000 Series 37 through Series 70; Series 900

Software Requirements
- MPE V MIT Delta 4 or later
- MPE XL 1.2 or later
- HP DeskManager B.03.00 or later

For further information refer to the HP DeskManager Data Sheet.

Programming Languages Supported
- Cobol, Fortran 77 and Pascal.

Ordering Information

Product
Right to Use HP DeskManager Intrinsics   27562A
Right to Copy HP DeskManager Intrinsics   27562R
    HP DeskManager Intrinsics require HP DeskManager installed on an HP 3000.

Documentation and Training

HP DeskManager Intrinsics Manual
            P/N 27562-90001
    Customer consultation is available on the HP DeskManager Intrinsics from the Technical Consulting Groups:
U.S. – Tel: 408-773-6322
Europe (ISG-E) – Tel: +44-344-773100

Support
Account Management Support
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