

Object REXX: OpenDoc Support

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Pages 138-142

Object Rexx OpenDoc Support

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OpenDoc

- Compound Document Architecture
- Key technologies
 - Parts and Part handlers
 - Bento
 - SOM
 - OSA
- Multi-platform
 - Apple
 - OS/2
 - AIX
 - PPC
 - IBM
 - Wordperfect
 - Windows

OpenDoc Open Scripting Architecture

- OSA Framework classes
 - Component class
 - Scripting Component class
 - Terminology class
- OSA Event Manager
- Component Manager

Object Rexx OSA Language Support

- ScriptableApp class (scriptable application proxy)
 - Connect method
- Object Specifiers
 - Identify target within application
- Send OSA Events to scriptable applications

Object Rexx ScriptableApp Example

```
      :  
Lotus123 = .ScriptableApp~connect('lotus123')  
FirstCell = table[1] cell[1]  
Lotus123 FirstCell~setdata(100)  
      :
```

Object Rexx OSA Scripting Component

- **SOM Class**
 - Subclass of OSA Scripting Component class
 - Accessed through Component Manager
- **Required functions**
 - Execute
 - Load, Store
 - Display, Dispose, GetScriptInfo, SetScriptInfo, ScriptError

Object Rexx Scripting Component...

- **Compile functions**
 - Compile
 - CopyID, ScriptingComponentName
- **GetSource**
 - GetSource
- **Recording**
 - StartRecording, StopRecording

Object Rexx OpenDoc Support - Summary

- **Language Support**
 - ScriptableApp class, Object Specifiers
 - OSA Events
- **Scripting Component functions**
 - Required
 - Compile
 - GetSource
 - Recording