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|               |   |
|---------------|---|
| Documentation | This method will prepare change password request and will send to the MMS server, after getting successful response it will call WriteValue method. |
|---------------|---|

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Private Methods:

Class Name: CMMRPrefDlg

Documentation: This class provides functionality to change the preferences info.

Derived from: CDialog

[0224] Public Properties:

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|                |  |
|----------------|--|
| Attribute Name | m_strUserID  |
| Type           | CString  |
| Initial Value  |  |
| Documentation  | This data member is associated with user id edit box.          |
| Attribute Name | m_strPwd   |
| Type           | CString  |
| Initial Value  |  |
| Documentation  | This data member is associated with current password edit box. |
| Attribute Name | m_sdrSerKey  |
| Type           | CString  |
| Initial Value  |  |
| Documentation  | This data member is associated with Serial Key edit box.       |

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Protected Properties:

Private Properties:

[0225] Public Methods:

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|                |   |
|----------------|---|
| Operation Name | ReadValue   |
| Arguments      |   |
| Return Type    | BOOL  |
| Documentation  | This method will read the current preferences info from the registry. |
| Operation Name | WriteValue  |
| Arguments      |   |
| Return Type    | BOOL  |
| Documentation  | This method will write preferences info in the registry.              |

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[0226] Protected Methods:

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|                |  |
|----------------|--|
| Operation Name | DoDataExchange   |
| Arguments      | CDataExchange* pDX   |
| Return Type    | void   |
| Documentation  | This method exchanges the data between controls and its associated variables.  |
| Operation Name | OnInitDialog   |
| Arguments      |  |
| Return Type    | BOOL   |
| Documentation  | This method executes when dialog box is going to show. It will call ReadValue method and will update the data members. |
| Operation Name | OnCancel   |
| Arguments      |  |
| Return Type    | void   |
| Documentation  | This method simply closes the dialog box.  |
| Operation Name | OnSave   |
| Arguments      |  |

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|               |   |
|---------------|---|
| Return Type   | void  |
| Documentation | This method will save preferences info in the registry using WriteValue method. |

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Private Methods:

Class Name: CClient

Documentation: This class provides functionality to change the preferences info.

Derived from: CDialog

Public Properties:

Protected Properties:

Private Properties:

[0227] Public Methods:

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|                |  |
|----------------|--|
| Operation Name | Connect  |
| Arguments      | CString p_strUserID, CString p_strPwd, CString p_strSerKey   |
| Return Type    | BOOL   |
| Documentation  | This method will connect to the IPAuth service and request for MMS server's info corresponding to serial key. After getting MMS server's info from the IPAuth service it will connect to MMS server. |
| Operation Name | Close  |
| Arguments      |  |
| Return Type    | void   |
| Documentation  | This method will close the connection from the MMS server.   |
| Operation Name | SendData   |
| Arguments      | SOCKET p_ps, const char* p_pszBuf, long p_pBufLen  |
| Return Type    | DWORD  |
| Documentation  | This method will send request to the server.   |
| Operation Name | ReceiveData  |
| Arguments      | char* p_pszBuf, long p_pBufLen   |
| Return Type    | DWORD  |
| Documentation  | This method will receive data from the server.   |

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Protected Methods:

Private Methods:

### Dialog Box Definitions and Screen Shots

[0228] The dialog box definitions for the example music player application will now be presented. In addition, screen shots associated with several of the dialog boxes are provided.

#### Music Application Dialog Box

[0229] The dialog box definition for the Music Application is presented below. A screen shot of the Music Application main dialog box is shown in FIG. 35.

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|             |                                  |
|-------------|----------------------------------|
| Parent Name | CMMSDlg                          |
| Control ID  | IDC_AUTO_START                   |
| Caption     | Automatic start server on bootup |

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