

Encoding Inline Image and Attachment File Data in the Helix ALM SDK

File data for inline images in multi-line text fields and file attachments is stored in the `m_pFileData` member of the `CFileAttachment` object as a Base64-encoded string. The SOAP script or application used to add new attachments must encode the image or attachment file data. To display the data, it must be decoded using an implementation of Base64 for the programming language you are using.

For example, in .NET, you can use `System.Convert.ToBase64String()` to encode the binary data for a file attachment or inline image and then store the result in the `m_pFileData` member when adding a new attachment. You can use `System.Convert.FromBase64String()` to convert `m_pFileData` from Base64 to the original binary data for the file so it can be displayed, saved to a file, or used in another way.

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