

Add an Attachment to a Form

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Use the API to add an attachment to a table query of a Form Activity.

```
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// References:
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using PNMsoft.Sequence;
using PNMsoft.Sequence.Data;
using PNMsoft.Sequence.Forms.Activities;
using PNMsoft.Sequence.Linq;
using PNMsoft.Sequence.Net;

namespace SequenceEx.Forms.Samples
{
    class AttachmentExample
    {
        public void AddAttachment(int activityInstanceId, string queryName, string attachmentFieldName, string attachmentName, byte[] attachmentContent)
        {
            FormActivityExecutor executor = FormActivityExecutor.GetExecutor(activityInstanceId);

            using (DataContext ctx = executor.CreateDataContext())
            {
                IDatabaseTable uact = ctx.GetDatabaseTable(queryName);
                IDatabaseRow row = uact.CreateRow();

                AttachmentEntity attachment = new AttachmentEntity();
                attachment.FileName = attachmentName;
                attachment.ContentType = MimeTypes.GetContentType(attachmentName);
                attachment.Content = attachmentContent;
                attachment.ContentLength = attachmentContent.Length;
                attachment.ContentGuid = Guid.NewGuid();
                row.SetField(attachmentFieldName, attachment);

                uact.InsertOnSubmit(row);
                ctx.SubmitChanges();
            }
        }

        public void AddAttachmentFromExternalConsumer(int activityInstanceId, string queryName, string attachmentFieldName, string attachmentName, byte[] attachmentContent)
        {
            ActivityInstance activityInstance = ActivityExecutionContext.Current.WorkflowInstance.GetActivityInstance(activityInstanceId);
            FormActivityExecutor executor = new FormActivityExecutor(activityInstance);

            using (DataContext ctx = executor.CreateDataContext())
            {
                IDatabaseTable uact = ctx.GetDatabaseTable(queryName);
                IDatabaseRow row = uact.CreateRow();
            }
        }
    }
}
```

```
        IDataRow row = uact.CreateRow();

        AttachmentEntity attachment = new AttachmentEntity();
        attachment.FileName = attachmentName;
        attachment.ContentType = MimeTypes.GetContentType(attachmentName);
        attachment.Content = attachmentContent;
        attachment.ContentLength = attachmentContent.Length;
        row.SetField(attachmentFieldName, attachment);

        uact.InsertOnSubmit(row);
        ctx.SubmitChanges();
    }
}
}
```