

## Linking a collected data run to a new application (Tutorial F2)

[http://www.atomiclearning.com/k12/en/movie/40768/play\\_window?type=Tutorial&sid=1674](http://www.atomiclearning.com/k12/en/movie/40768/play_window?type=Tutorial&sid=1674)

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You can link data you've already collected in a new application.  
First, I'll collect some data by plugging in my sensor - in

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this case, the Go Temp Temperature sensor - into my computer's  
USB port. I'll see the AutoLaunch window open. I'd like

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to start with the Graphs and Geometry application, so I'll click to  
select it, and then click OK. To begin data collection,

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I'll click the Start Data Collection icon in the Data Collection  
Console. This will begin taking measurements and adding

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data points. Once I'm done collecting data, I'll click the  
button again, which will stop collecting the data. Now that I've

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collected the data in Graphs and Geometry, I'd like to see the  
data represented in a different way on a new page.

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To do this, I'll make sure that the data collection console  
is active, and then I'll click Experiment. Then roll over

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Display Data In, and then I'll choose New Lists and Spreadsheet.  
This will open a new page in this problem with the Lists

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and Spreadsheet application in it. As you can see, the  
spreadsheet has already been formatted appropriately with list names,

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and my data is displayed in the lists. I could easily link my data  
to the other applications shown in the Display

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Data In menu to see my data represented in other ways.  
If I wanted to see multiple representations of data on the

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same screen, I would need to set up a customized data collection.  
A similar technique allows you to manually set up a data

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collection workspace. If you were plugging in a sensor  
for the first time and see the AutoLaunch window, you'll

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want to select Lists and Spreadsheet. If you already have  
data on the screen, we will erase the old data and create

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a new experiment by making sure the data collection console  
was active and clicking Experiment, followed by New Experiment.

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This will bring up the Unsaved Data dialog box and here  
you have two options. You can either cancel, then save

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your data and create a new problem; or choose to discard  
any unsaved data. In this case, I'll erase my old data by

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choosing Discard. Now I'm going to create a customized  
page by clicking Page Layout, and I'll choose Page Layout4.

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I'll click on the lower right application. Then select Add  
Graphs and Geometry. I'll click on the lower left work

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area, and then select Add Notes. Now that my page is  
formatted the way I want it to be, I'll click on the data collection

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console to make it active. Remember that right now, only  
the Lists and Spreadsheet application is connected to the

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data collection console. If we were to begin an experiment right now, Graphs and Geometry would not be linked to the

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tool. To do this, click on Experiment, Display Data In. Here, you can see that I can either link the data collection

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console to any available application that works with the tool, or use a new application that's not yet created. In

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this case, I want to link it to both my new Graphs and Geometry application and my existing Lists and Spreadsheet

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application. So I'll choose Apps on Current Page. Notice that now the axes in my graph and the headers in columns

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A and B in both applications are appropriately formatted. I have now manually set up a data collection workspace,

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and I'm ready to begin an experiment.

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