

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

[http://www.atomiclearning.com/k12/en/movie/40763/play\\_window?type=Tutorial&sid=1670](http://www.atomiclearning.com/k12/en/movie/40763/play_window?type=Tutorial&sid=1670)

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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 Easy Temp Temperature Sensor - into my handheld's mini USB port. I'll see the Auto Launch window open. I'd

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like to start with the Graphs and Geometry application. So I'll use the NavPad to highlight that option, and then

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press Enter to select it. To begin data collection, I'll use the NavPad to highlight the Start Data Collection icon

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in the Data Collection Console, and then I'll press Enter. This will begin taking measurements and adding data points.

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Once I'm done collecting data, I'll press Enter again, which will stop collecting the data. Now that I've collected

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

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I'll make sure that the data collection console is active, and then I'll press the Menu key. Next, I'll choose Experiment.

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

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

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

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in menu to see my data presented in other ways. If I wanted to see multiple representations of data on the same screen,

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I would need to set up a customized data collection. A similar technique allows you to manually set up a customized 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 is active, and pressing the Menu key. Then Experiment followed

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and then save your data and create a new problem, or choose to discard any unsafe data. In this case, I'll erase my

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old data by choosing Discard. Now I'm going to create a customized page by pressing Control-Home. Then Page Layout

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and Select Layout. Next, I'll choose Layout4. Now I'll press Control and then Tab, and then Control and Tab again to

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move to the lower right application. I'll press Menu. Then select Add Graphs and Geometry. Next, I'll press Control,



# TI-Nspire™ Handheld Script

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and then Tab to move to the lower left work area, and then I'll press Menu and select Add Notes. Now that my page

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is formatted the way I want it to be, I'll press Control and Tab again to move to the data collection console. Remember

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that right now only the Lists and Spreadsheet application is connected to the data sheet console. If we were to begin

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an experiment right now, Graphs and Geometry would not be linked to the tool. To do this, press the Menu key. Then

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choose Experiment, Display Data In. Here, you can see that I can either link the data connection console to any available

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application that works with the tool, or use a new application that's not yet created. In this case, I want to link it

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to both my new Graphs and Geometry application and my existing Lists and Spreadsheet application, so I'll choose Apps on

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Current Page. Notice that now the axes on my graph and the headers in both columns A and B are appropriately formatted.

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I have now manually set up a data collection workspace, and I'm ready to begin an experiment.

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