Controlling Hardware with LabVIEW
Biophysics Module Course

Lecture 1:
Introductions, discussion of background/goals,
First look at the LabVIEW environment

What you want to avoid
Introductions

- Your name
- Previous LabVIEW experience
- Other programming experience
- Expectations for the course
- Project in your lab that may benefit from LabVIEW
Why use LabVIEW?

- Data acquisition, hardware control made simpler
  - NI and third-party hardware support
- Visual, intuitive language
- Straightforward parallel computing
- Timing!
- Widely used in academia and industry
Uses of LabVIEW: academic
Uses of LabVIEW: industry

LabVIEW Job Openings

Announcements
Post Job Opportunities for LabVIEW Developers here.
Be sure to visit the LabVIEW Career Network at n.com/labviewcareers for additional resources.
If you are a LabVIEW developer and want to post your resume, post it in the LabVIEW Developers Seeking Employment board.

New Messages

Show: All - Answered - Unanswered

Subject | Replies | Author | Kudos | Latest Post
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Seeking a LabView consultant in Richland, WA | 4 | Kurian | 0 | 11-06-2012 03:10 PM by Greg_Rail
Test Engineer (electro-optical) full-time position in Los Angeles | 0 | kmagel | 0 | 11-05-2012 11:48 AM by kmagel
Entrepreneurial Sales Engineer / Consultant Job Opening | 0 | GeorgiP | 0 | 11-02-2012 03:51 PM by GeorgiP
Looking for Full Time Labview Test Engineer Employment | 6 | Vincent90 | 1 | 11-01-2012 07:43 AM by L.V_Pro
Looking For Freelance Labview Programmer! | In Singapore Only | 2 | JohnnynG | 0 | 10-31-2012 10:38 AM by eback
| Whom should I contact for my job application status, for other than online status? Can I get a telephone number or email please? | 1 | AmanMakeana | 0 | 10-26-2012 07:32 AM by L.V_Pro
| SEARCHING FOR JOB...IN LABVIEW... | 1 | K_SUHAS | 0 | 10-26-2012 07:30 AM by L.V_Pro
Seeking For Job | 1 | arkitsharma | 0 | 10-26-2012 07:27 AM by L.V_Pro
LabView "Guru" needed for the summer (4 month project) Kalamazoo, MI | 2 | reege | 0 | 10-26-2012 07:25 AM by L.V_Pro
Job Opening Automated Test Equipment at American Power Conversion (Schneider Electric) | 1 | Guruthiak | 0 | 10-25-2012 05:29 AM by arkitsharma
| SpaceK: LabVIEW Developer in Hawthorne CA | 0 | Lavezza | 0 | 10-22-2012 02:01 PM by Lavezza
| Job Opening - Automated Test Developer - Permanent - Job Ref: 454 | 1 | SarahTaylor | 0 | 10-15-2012 01:35 AM by jay2satan
| Specialist Inspectors - UK vacancies | 1 | skemp | 0 | 10-16-2012 01:27 AM by jay2satan
| Controls Engineer - Livonia, MI | 0 | Sima | 0 | 10-12-2012 12:41 PM by Sima
My goals for this course

• Achieve familiarity with the LabVIEW environment

• Learn where/how to look for help

• Good coding practices!
Good coding practices – the flip side

1. Can you pass the salt?

2. I said—
   I know! I’m developing a system to pass you arbitrary condiments.
   It’s been 20 minutes!
   It’ll save time in the long run!
Let’s take a look at it!