

## Getting Started with IODE

These notes are basically from the IODE project and are written by the IODE team at the University of Illinois, P. Brinkmann, R. Jerrard, and R. Laugesen.

The purpose of these notes is to guide the student through downloading IODE and getting started. We use IODE in Matlab.

- (1) Log in using your UK active directory login and password.
- (2) Open an internet browser like Internet Explorer. Go to the web page:

`http://www.math.uiuc.edu/iode/`

Bookmark the page by right-clicking in the browser window.

- (3) Click on Download in the navigation bar on the left. We have Matlab on the machines so use the line with the header:

“Installation. If you are using Matlab (YES), then you can click here in order to install IODE with the new, simplified installation script.”

- (4) Start Matlab by locating it on the programs list obtained from the Start button or from a short cut. Then, copy and paste the following line to your Matlab prompt, and hit Return:

```
eval(urlread('http://www.math.uiuc.edu/iode/code/install.m'))
```

This line will launch Iode’s installation script. The installation script will ask you to enter an installation directory for Iode. If you simply hit Return without entering anything, Iode will be installed in your current working directory. I recommend that you enter a new directory, such as *myiode*. The rest of the installation does not require any further input.

- (5) In MatLab, enter iode (all lower case) at the prompt in order to launch Iode.