

## Web-enabled Eden

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An introduction by Jonathan Foss

## WebEden

- EM->Software->Web Eden  
<http://www.dcs.warwick.ac.uk/~wmb/webeden/OpenDayNov2008.html>
- All computation is done server-side
- Support for range of definitive notations (EDEN, Donald, Scout,...)
- Final Year Computer Systems project 2008 by Richard Myers

## JS-Eden

- A Web-enabled (JavaScript) implementation of EDEN conceived and prototyped by Tim Monks
- EDEN notation is run client-side (in JavaScript)
  - Only supports EDEN (parser ported)
  - No definitive notations (e.g. no Donald or Scout)
- Use Chrome
- Various 'flavours' developed:
  - Emile – Matt Cranham
  - Canvas – Ant Harfield
  - **Master** – Nick Pope

## JS-Eden: Master

- For lab-work (and Coursework) you can use the DCS installation:
  - [jseden.dcs.warwick.ac.uk/master](http://jseden.dcs.warwick.ac.uk/master)
- Alternatively, you might like to install it on your own PC

## Github

- Git is a version control system
- Sourcecode for master can be downloaded from Github
- Either checkout the git repository:
  - git checkout -b cs4051314 <https://github.com/EMGroup/js-eden.git>
- Or download a snapshot:
  - <https://github.com/EMGroup/js-eden/archive/cs4051314.zip>

## Installing Master

- You could install on your own PC
  - Based around Apache server with PHP/MySQL
  - Various other dependencies
- Vagrant helps you install a VM
  - Script automatically provisions VM with dependencies
  - Full instructions on the CS405 website on link  
 EM->Software->JS Eden