

# Menelaus Perdikeas *December 24, 1974*

[mperdikeas@gmail.com](mailto:mperdikeas@gmail.com) • [perdikeas \(Skype\)](#) • [mperdikeas.github.com](https://github.com/mperdikeas)  
11, Dimitras st. • Ag. Paraskeuh, 15342 • Athens • Greece

---

## Summary

I have been coding in Java since version JDK 1.1 came out in 1997. Over the years I have written more than 200 LoC in Java and have explored a wide array of technologies and frameworks in the landscape. I am a proficient Emacs user (with an Emacs setup that I've honed over the years for maximum productivity) I like to live as close to the command line as possible and have no need of an IDE to hold my hand or "help" me in any way (though I can of course also use an IDE if required). I am a full stack Java engineer and have worked professionally in practically the entire stack from front-facing

web services, rich client applications, server-side Java code all the way to the back-end relational database. I am also typically involved in devops stuff as well. That is, in addition to writing the code I also write the build system (Ant / Ivy), test cases, coding standards compliance checking, code coverage, integration testing, shel-scripting, etc. The browser is the only part of the stack where I haven't worked in a professionally capacity though I have ample experience in JavaScript in my playground projects and am currently exploring ReactJS in my free time.

---

## Experience

### ESAC (through Neuropublic)

ESAC, MADRID, SPAIN

#### Software Architect and Lead Coder

March '13 – June '15

I was the software architect and the sole coder for the [new EuroVO Registry system](#) which is scheduled to replace the [existing EuroVO Registry system](#).

I worked for two years in ESAC, Madrid with no company supervision and designed and implemented the entire system from scratch with the exception of some parts of the front-end web-based GUI. Among others, I designed and implemented:

- the [OAI-PMH](#) harvesting functionality. I couldn't find a reliable 3rd party OAI-PMH library so I implemented the entire protocol from scratch. *Technologies:* Java, XPath 2.0 (Saxon), REST (Jersey), HTTP, JDBC
- the [RegTAP](#) functionality and interface. I came into the project with **zero** domain-specific knowledge and I managed to implement the second, globally, RegTAP search interface and make material contributions to the RegTAP specification itself to the effect that I was recognized as a co-author of the spec. *Technologies:* Java, XPath 2.0 (Saxon), REST (Jersey), JDBC
- the [IVOA RI1](#) Search interface. This is SOAP interface, defined in WSDL (i.e. following a top-down approach). Due to the complexity of the XSDs used by the IVOA community I ran into problems with the automatic stub generation by tools like wsimport (which I have documented and raised against). So I decided to implement my own wsimport-like tool that reads WSDL and generates Java code (stubs and skeletons) to perform SOAP calls. *Technologies:* Java, SOAP (Jersey), XSD, template-based code generation with [String Template](#)
- the report, email notifications and visual plots generation subsystem. *Technologies:* Java
- the entire database schema for PostgreSQL. I wrote the DDL statements for the entire database which comprises 102 tables in 4 schemas and was responsible for the installation, fine-tuning, index creation, performance optimization, etc of the PostgreSQL database.
- I also handled all devops aspects including: authoring the entire build system based on Ant and Ivy, writing test cases (JUnit), code

### Neuropublic S.A.

PIRAEUS, GRECE

#### Software Engineer

Nov '09 – Dec '09

Dharma Publishing, the worlds largest Buddhist publisher, is a non-profit, all-volunteer organization that helps to preserve Tibetan Buddhism and culture. I build them a [web store](#), and moved the infrastructure of all their web media to a nearly zero maintenance setup that they can maintain themselves.

### SEMANTIX

ATHENS, GREECE

#### Software Engineer

Dec '03 – present

KTurtle is an educational programming environment that simplifies learning the basics of programming. At early age I learned programming using MSX-LOGO, by creating KTurtle I want to ensure future generation's access to a similar piece of software. I was honored when KTurtle got admitted to KDE in 2003.

---

## Education

Erasmus University Rotterdam	ROTTERDAM, THE NETHERLANDS
<b>Bachelor degree in Computer Science &amp; Economics</b>	2004 – 2007
Focussed on the economics of open source, rapid application development (RAD) and the semantic web technology stack (RDF/RDFS, OWL and SPARQL).	
Technical University Delft	DELFT, THE NETHERLANDS
<b>Industrial Design Engineering</b> (discontinued)	2001 – 2002
Libanon Lyceum	ROTTERDAM, THE NETHERLANDS
<b>VWO</b> (pre-university secondary education)	1994 – 2000

---

## Skills

**Technical specialties:** Software design and implementation, with(in) a team. I love Ruby/Python/Java/C++ and flirt regularly with Haskell. Solid knowledge of web technologies: HTML+CSS, XML, RDF, REST, SOAP and JavaScript (mainly jQuery). Linux administration skills: bash, Apache, MySQL, PostgreSQL, virtualization/cloud (OpenVZ, VMware, KVM, Xen and EC2), datacenter automation (Puppet and Chef), continuous integration (Hudson/Jenkins).

**Natural languages:** Dutch (*mother tongue*), English (*full professional proficiency*), German (*limited working proficiency*), French (*elementary proficiency*) and Mandarin Chinese (*beginner*).

---

## References

**Christophe Arviset** asdfasdfsdf  
**Markus Demleitner** asdfasdfsdf

---

## Interests

**Non-exhaustive:** obsessively optimizing my environment, setup and workflow, Emacs, JavaScript, ReactJS, Linux, org-mode, i3 window manager,  $\text{\LaTeX}$ ; historical reading