Phil de Joux - Software Developer

- Educated in Computer Graphics 1996, Mathematical Modeling BSc Hons 1993/5 and Medicine 1982/5.
- + Has built software with environmental and global positioning data, video and scientific models.

- F? 2017/04–202~/~~ Flare Timing For scoring flying competitions; typeset the rules as LaTeX question how to interpret some rules develop a command line reference implementation develop web visualizations of workings, results and discrepencies across implementations find, raise and fix bugs in the official implementation, FS rescore and publish competitions.
- B \$ 2020/01–2020/03 **Bracco** For interpreting dicom images from contrast enhanced ultrasound; develop a prototype desktop app.
- A \$ 2014/02–2017/04 Aqualinc Research For monitoring breaches of regulated levels of water take and pollutant discharge; design a relational database schema unmunge munged data develop system services to pull and cache metadata from Hilltop web services expose web services over the top of the relational and time series data develop separate web frontends for administrators and farmers generate annual reports by pulling data from web services and typeset with LaTeX.
- 6 \$ 2012/07–2012/12 Tagly ► Develop server and browser components of a live feed.
- P # 2012/06–2015/11 Apress Technical review of Expert F#, editions 3 and 4.

- C # 2012/08–2013/02 Cactus Scope upgrades to a production planning system for factory operations.
- V # 2011/08–2015/10 Travieo ™ Develop a travel booking website.
- L \$ 2008/01–2011/08 *CropLogic* For more potato yield with less water and fertilizer input and less pollutant runoff; port, tune and test a discrete event simulation crop model with scientists pull in field data and external weather data from numerous and disparate sources develop a website for growers to setup their crops to enter their irrigation and fertilizer applications and to view the model recommended future inputs and expected yields.
- D # 2007/12–2011/04 WDC Automate accepting public submissions and scheduling hearing time slots.
- N \$ 2003/07–2008/05 **NutriCentre** ™ Develop an online store.
- ₩ # 2003/06–2007/07 NIWA ™ Develop EDENZ, a website for publishing environmental time series data.

- E \$ 2001/08–2002/09 *Aspelle* ™ Develop authentication and authorization parts of a security product.
- 0 \$ 1999/10–2001/03 *Obvious Technology* S Develop a product searching video via annotated key frames.
- 5 \$ 1999/07–1999/09 Software Migrations & Develop a frontend for tools translating asm to C.
- T\$ 1995/02–1999/01 Trimble Maintain computer graphics, improving clipping and multithreading.

Phil de Joux 1425 chemin de la Riviere Val-David Quebec J0T 2N0 CANADA ✓ phil.dejoux@blockscope.com✓ +1-450-675-9180⑤ philderbeast

\$=full time, #=part time, ?=unpaid

♠ github/philderbeast★ twitterin linkedin★ stackoverflow

hackage