



OLIVIER GRIMBERT

4D MANAGEMENT TOOLS EXPERT
PROJECT MANAGER
AGILE

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French native

English: TOEFL 87/120

Passionate | Rigorous | 40 Years of Excellence
Programmer • Trainer • Educator

"Why do we need process frameworks?"

True self-organization requires containing boundaries. These parameters define the 'self' that emerges through the evolutionary process."

CTO & FOUNDER | Protée (1984–Present)



Pioneering 4D Database Solutions, Embedded Systems & Agile Development

Core Expertise

- 4D Database Architectures (Since 1992) – Enterprise-grade management tools for global clients
- Mobile & Embedded Systems – Android/iOS apps, IoT devices with custom firmware
- Agile/Scrum Adoption (Since 2010) – Lean workflows for software and hardware teams
- Multimedia & Electronics – Cross-disciplinary product design

Key Innovations

- Protée's 4D Framework – Powering mission-critical databases for 30+ years
- Full-Stack Development – From low-level embedded components to sophisticated UIs
- ogTools suite 4D components, for Developers and Users, by Developers: [Website](#)
- Legacy-to-Modern Transitions – Bridging 1980s hardware to contemporary OOP and Agile

Notable Clients & Projects

Luxury & Retail Innovation

- Montblanc – DraWapp (2018). Gold Design Award-winning 4D/SVG platform for interactive retail experiences. Project [here](#)
- Plaisance Téléachat – France's first teleshopping platform (1992-1997).

Cultural & Academic

- Fédération du Yoga – Fyo (2000–Present). End-to-end 4D management system for 2,000+ members, 5 billing structures, and React web portal. [Accademic website](#), [4D website](#)
- Agence des Pyrénées – South-West France's European funding programs (2016–Present). A complete rewrite of a 1998-era 4D v6.5 training grants database into a modern enterprise solution. [Website](#)

- BVA Mystery Shopping – leading mystery shopping provider (2015). Development into the core 4D information system, handling 60,000+ mystery customers and 100+ concurrent 4D users (survey managers, analysts). [Website](#)
- CNRS – Kavettu Tamil linguistic research (since 2009). Processes ancient scripts and dialectal variations across the areas and epics...

4D Ecosystem Contributions

- Genie Solutions (2021). Developed 4D SVG editor & Apple notarization tools for Australian health care firm.
- 4D Summit 2018 | Speaker. UI/UX Deep Dive: Explored dynamic button interaction states (active/hover/click/disabled) in 4D applications. [Watch Video](#)
- ogTools Suite | Since 2016. Creator of a 4D Developer Framework with a set of 8 PROD components, 2 DEV components, and the latest zen_Nucleus component which unifies the entire ogTools suite – delivering a complete 4D ORDA framework where all infrastructure is pre-built, so you focus solely on implementing your unique business logic. "We engineer the foundations – you craft the business logic."

Education & Social Impact

- Ensemble Intercontemporain – Orchestra Management System: 2009–2022. Transformed an in-house "amateur" 4D system into a Client/Server professional orchestra management software dedicated to this contemporary music orchestra build by Pierre Boulez.
- Radio France, Orchestra & Choir Management System: 2010-2014. Developed a specialized 4D database solution to manage Radio France's 5 resident orchestras (including Orchestre National de France), Choirs & ad-hoc ensembles.
- CONCERTo (20+ European music schools in 20 years): since 1996. Developed a comprehensive 4D platform for music institutions.

Entrepreneurship & Education

La Compagnie du Code | Toulouse | 2015–Present

Co-Founder (SCIC)

- Pioneer in child coding education (Scratch, Python, C+, Arduino)
- Developed France's first Processing curriculum for teens

National Industrial Design School (ENSCI) | 1984–2007

Professor of Embedded Systems & Intelligent Product Design

- Led diploma juries and industry collaboration projects
- Trained generations of designers in hardware/software integration

ALICE | 1984–1990

Co-Founder | Hardware/Software Innovator

- Built proprietary OS for custom computers
- Clients: Croisières Paquet, Fina France, Nescafé...

Technical Leadership

Cosmospace | International Psychic Services Platform | 2023-2024

Lead 4D Architect (Employee – IT Dept. of 50)

- Spearheaded ground-up refactoring of legacy 4D v13 system → modern ORDA (v20)

- Components architecture
- Scaled infrastructure for 100+ users across 4 countries (France/Tunisia/Spain/USA)
- Localized UI/UX up to 5 Languages (here French, English, Spanish). Developed custom 4D module for real-time DeepL API connectivity and Auto-translation of dynamic content, 70% faster translations vs. manual processes
- Key Deliverables: PCI-compliant payments • Multilingual interfaces • CI/CD pipeline

CloudMatters (Newgen KnowledgeWorks) | Chennai | 2013

Chief Process Officer

- Scaled startup team to 15 with Agile/Scrum
- Implemented TDD, UI prototyping (Balsamiq, MindMeister)

VIA Furniture Innovation | 2000–2004

Embedded Systems Designer

- Created “Embedded Hardware” for smart furniture
- Bridged industrial design with IoT (pre-IoT era)

Pioneering Digital Projects

Android Music Apps | 2013

Lead Java Developer

- Astromuse astral music, TapShake metronome, iChime musical clock (5K+ downloads)

Adobe GoLive | 1999

Localization Architect

- Led French adaptation of Adobe’s flagship web tool

Lumiere Technology – Jumboscan | 1998-2002

Hardware and software Architect

- Multispectral Imaging (MSI) technology, which helps examine artworks, documents, and historical artefacts in high detail. First highest resolution and fastest scanner in the world. 12,000 pixels, 30,000 lines, 13 filters. Worked with major museums and institutions to analyze famous artworks.

Plaisance Téléachat | 1994–1997

4D E-Commerce Pioneer

- Built France’s first teleshopping platform (15K orders/week)

Early Engineering

Matra Biomedical | 1983

Product Design Engineer

- Automated blood analysis systems, hardware and software (team of 6)

ATNE | 1980–1982

Electronics and software Engineer

- I acquired my engineering skills on the job under the mentorship of Jean-Michel Catherin, who served as my guru over three years

QUALIFICATIONS

4D Database Management Expert

- Custom business solution architect | Senior 4D Developer specializing in analysis and implementation. Numerous components' behavior during development.

Methodology

- Lead Scrum Master & Agile Coach
- End-to-end product design: from inception to delivery
- UX/UI processes: mind mapping, mockup creation, interface design
- Test-driven development (TDD) with rigorous unit testing
- Product backlog grooming & sprint planning

Mobile Engineering

- UI/UX design for mobile (iOS & Android guidelines)
- Native Android development (Java, Android SDK)
- Feature implementation, debugging, and performance optimization (iOs et android)

Programming Languages

- 4D (Advanced, full ORDA, OOP pattern)
- Java (Android native development)
- Web Technologies: XML, JSON, HTML5, JavaScript, SVG
- Low-Level: FORTH, Assembly (embedded systems)

Web Development

- CMS Development: Joomla website design & deployment
- Legacy Tools: Adobe GoLive (historical projects)
- Local Environment: MAMP stack configuration
- Planning: MindNode for sitemaps & wireframing
- Front-End: CSSEdit for stylesheet refinement

Operating Systems

- macOS, Android (extensive), iOS, Linux, Windows (basic)

Electronics & Embedded Systems Expertise

- Designed turnkey embedded systems from concept to production
- Created proprietary "Nogo" multitasking kernel (FORTH-like) for Hitachi SH2 processors
- Full development lifecycle: schematics → PCB layout → manufacturing
- Software/hardware co-development for prototype and production units

TRAINING & EDUCATION EXPERIENCE

Professional Trainer

- Conducted regular training sessions on Protée database systems for diverse organizations including: Music schools & conservatories - Orchestras & arts institutions - National federations

Academic Teaching

- Guest lecturer at ENSCI (French National Institute for Product Design)
- Piano & music theory instructor (all levels)
- Early childhood music education specialist

PROFESSIONAL ENDORSEMENT

Carlos Pisterman - 4D Manager at Cosmospace | 2024

Olivier Grimbert worked alongside me on the development of a 4D database interface for nine months. During this time, he demonstrated an exceptional ability to understand complex problems quickly and devise effective solutions. One of his standout qualities is his ability to adapt seamlessly to team dynamics, fostering a collaborative environment that significantly contributed to our project's success. His detailed-oriented approach ensured that every aspect of the project was meticulously addressed, leading to high-quality outcomes. A notable achievement was a 4D database interface using generic code, a task that required both technical expertise and innovative thinking. This accomplishment not only showcased his programming skills but also his commitment to delivering robust and scalable solutions. In summary, Olivier Grimbert is a highly skilled and adaptable professional who would be a valuable addition to any team.

Patrick Tomatis - Secretary General - National Federation of Yoga Teachers (France) | 2017

We partnered with Olivier to develop our 4D software tool, leveraging his unique combination of business analysis expertise and ergonomic design skills. His exceptional listening ability and creative problem-solving consistently delivered innovative solutions to our complex, non-trivial requirements. The collaboration exceeded our expectations: every request was handled with rigor, responsiveness, and remarkable technical insight.

Sophie Quéré - Chief Financial & Administrative Officer - Ensemble Intercontemporain | 2015

We value Olivier for his rigor and ability to prioritize effectively. His autonomy and responsiveness ensure efficient collaboration, while his innovative approach guarantees consistently high-quality deliverables.

Patrick Martinent - CTO - Newgen KnowledgeWorks (Cloud Matters Division) | 2013

Olivier led our Agile Scrum implementation as a process manager, bringing his signature blend of technical versatility, UI/UX expertise, and deep Agile methodology knowledge. He proved exceptionally rigorous and responsible, combining analytical precision with an infectious positive attitude. His collaborative spirit, interpersonal skills, and unwavering reliability became true assets to our organization.

STUDIES

INALCO : University of Oriental Languages, Indian and Tamil Culture - level two | 2002-2003

ATNE - SA : I gained my engineering skills on the job over three years | 1980-1982

Faculté de Jussieu SSM1 : Science of Structure and Matter | 1978-1980

Scientific Baccalaureate (Major: Mathematics, Physics & Chemistry) | 1978

INTEREST & PASSIONS

Languages

- French: Native
- English: TOEFL 87/120 (Professional proficiency)
- German: Academic base
- Tamil: Fluent written & spoken

Certifications & Mobility

- Driving Licenses: Car & Motorcycle (France & India)
- Adaptive Driving: Full "bilingual" right-/left-hand traffic experience

Cultural & Academic Pursuits

- Tamil Epigraphy: Attended international workshop (EPHE-CNRS Paris / Pondicherry & Tanjore Universities) | 2012
- Indian Arts: Carnatic music, Bharatanatyam dance, literary Tamil
- Montessori Education: Passionate about alternative pedagogy

Music Mastery

- Instruments: Piano, organ, lyrical singing
- Theory Expertise: scales, indian rāga, tuning, microtonal temperaments

Athletic Passions

- Adventure Sports: Motorcycling, skiing, sailing
- Martial Arts: Aikido (discipline & flow principles)