

Sebastià Freixa Povo

INTEGRAL DEVELOPMENT · TECH + GRAPHIC + CONTENT CREATIVE SOLUTIONS

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“All verbs are Arts! Be the change that you want to see in the world.”

Summary

He is currently the main developer of the Common Database (*commondb.net*), a distributed evolution of the Open Collaborative Platform, an implemented Resource-Event-Agent accounting system (REA) with a common database for various cooperative projects (multi-domain). Also has developed custom payment gateways, custom data managing tools, custom interactive e-learning platforms with shared libraries and many websites. Being also a professional multi-disciplinary creative since 1992, has a huge experience on interactive media, graphic and web design, animation, script, storyboard and music creation. Has also experience in building and leading work-teams as a technical director and also as an art director.

Work Experience

Bank of the Commons, Co-op

Europe, Worldwide

SOFTWARE DEVELOPER

Jun. 2017 - Jan. 2020

- Development of a multi context version of the Open Collaborative Platform (OCP), with custom domains and login+register pages (Django-Python).
- Development of a custom Shares system with custom payment gateways per context project.
- Design and implement a flexible multi-currency/multi-resource Exchanges page to allow tracking of multi-wallet currencies and cryptocurrencies in OCP.
- Develop endpoints to serve data to other sites.
- Develop data retrieval connections from various webservices and blockchains into OCP.

Freedom Coop, Co-op

Europe

SOFTWARE DEVELOPER

Mar. 2016 - Jun. 2017

- Improve, develop and adapt the original ValueNetwork software by Mikorizal to the needs of FreedomCoop, giving born to the OCP.
- Co-design the membership process with the Shares payed in Faircoin, using an internal wallet.
- Design and implement nested tree structures to deal with contexts and sub-contexts, and to deal with types and sub-types.
- Improve the skills and tasks system, the exchanges and the production workflows.

FairCoop, Co-op

Worldwide

CO-FOUNDER, WORDPRESS DEVELOPER, GRAPHIC DESIGNER & ANIMATION PRODUCER

Aug. 2014 - Mar. 2016

- Developer of the first FairCoop website with wordpress (PHP), including a mix of social network, forums, local-nodes maps and a blog.
- Develop and design the first GetFaircoin website, creating custom payment gateways, both synchronous and asynchronous.
- Develop custom gateways to connect GetFaircon with the CoopFunding site to allow various mixed campaigns.
- Created and coordinated the Catalan FairCoop Local-Node and also a very active Point of Exchange related FairCoin (Arbúcies POE).

Cooperativa Integral Catalana, Co-op

Catalonia, Spain

SOFTWARE DEVELOPER

Jan. 2013 - Set. 2014

- Development, design and managing of the crowdfunding multi-language platform CoopFunding and its custom payment gateways, as wordpress plugins (PHP).
- Data modeling, development and implementation of a flexible data management system from an integral perspective, GestioCI (based on Freixa's GeneralApp), to allow the organization of various sectors of the Integral Cooperative (with shared data), using Django (Python).
- Developed a custom application to manage mobile phone lines and their invoicing system, using pure PHP, JavaScript and CSS/HTML.

Science Bits, S.L.

Barcelona, Catalonia (Spain)

SOFTWARE ARCHITECT

Set. 2012 - Set. 2013

- Developed a custom framework to produce interactive online e-learning contents by reusing shared objects, graphics and functions, by means of various Shared Libraries. Based on Flash (ActionScript 2).
- Data architecture of string variables used in AfterEffects film-making to facilitate the render of titles, subtitles and info-graphics in various languages
- Program and design interactive simulators for various knowledge areas, self correcting exercises, animation sequences, etc.

Omnis Cellula, non-profit

Barcelona, Catalonia (Spain)

FLASH ANIMATOR & PROGRAMMER

Jun. 2011, Set. 2011

- Animations, interactive sequencing and development of visual games, with voice and sound, for the Interactive Tales public portal Clic Clic Clic, Cuentos Interactivos.
- Composing of Music, recording and sound effects on some Tales, and synchronization with the animation.

Digital-Text (Editorial Océano, S.L.U.)

Barcelona, Catalonia (Spain)

LEAD FLASH DEVELOPER & ANIMATION DIRECTOR

Sep. 2007, Ago. 2012

- Developed a custom framework to produce interactive online e-learning contents by reusing shared objects, graphics and functions, by means of a Shared Library. Based on Flash (ActionScript 2).
- Model, Program and Design interactive simulators for various knowledge areas, self correcting exercises, animation sequences, etc.

Editorial Harmonia's, S.C.P.

Barcelona, Catalonia (Spain)

CO-FOUNDER, GRAPHIC AND WEB DESIGNER

Jun. 2006, Ago. 2007

- Cover design, Layout and Illustrations of many books of this publisher.
- Management of ISBN numbers and bar-codes.
- Design and Program an e-commerce website and a distribution system.

Sesame Street program, RTVE (spanish national TV) partnership with CTW (USA)

Barcelona, Catalonia (Spain)

ANIMATION FILM-MAKER, SCRIPT WRITER, STORY DESIGNER & MUSIC COMPOSER

1996 - 1999

- Initially subcontracted as an animation film-maker with his own Studio, becomes hired as a Script Writer, Musical Composer and Storyboard Designer, and kept directing his studio for the animation segments production.
- Produced a series of animation segments related music, with fine synchronisation, and also other types of segments and scripts.

Sebastià Freixa studio (autonomous freelance)

Barcelona, Catalonia (Spain)

MUSICOGRAPHIC CREATIVITY

1992 - 2006

- Specialized in Visual Interpretation of Music (VIM), the art of doing moving images (2D-3D) interpreted from and in total sync with a source Music, did a pilot for a "Visual Dub" segment series (for sale) and published some VIM clips through Sesame Street in TVE, televised worldwide.
- Design, Photo and Publishing of the "Pirineos FreeStyle" book and the "FreeRide a la VallFarrera" mountain guide.
- 3D animation segment for "Departament d'Arquitectura i Habitatge, Generalitat de Catalunya" (catalan government).
- Branding and graphic design for Anna Povo, Pescados del Artico, Riuada, Klippel, Cussons-Hansmann...
- Design of an exhibition about the Olympic Games shows (BCN'92) for the "Institut del Teatre"
- Web design for Clowns Without Borders, Yeti Emotions, Marta Povo, Ariadna Bufi...
- 2D Animations, animator assistant and animation shooting assistant for Jordi Amorós (Cine Nic) and Victor Luna (Animandus), doing commercials for Telefonica, Kellogg's, GoodYear, Renfe, Johnson's.
- Animation assistant for Roberto Garcia and Felip Orozco, doing serials for Cromosoma (The Triplets), Alfonso Productions and D'Ocon Films.

Lluís Mestres Studio

Barcelona, Catalonia (Spain)

GRAPHIC DESIGNER

1988 - 1990

- Learning by working on Graphic Design initially as an assistant, and later managing the whole process with new clients.
- Computer skills Trainer and operator of the first Macintosh in the studio.

Writings

Technical Papers

public repositories

SOFTWARE DESIGNER & WRITER

2015 - 2019

- *REA Chain*, describing a possible blockchain for economic events in a common stream of Resource-Event-Agent accounting.
- *Common Database*, first draft of the updated integral data project, focused on Common and Private data self-management.
- *HoloData project*, describing (in 2015) an integral, atomic, semantic way of organizing data in a distributed polyglot database.

Blog Articles

personal blog

PHILOSOPHER & WRITER

May. 2017

- *The Arts of Living*, exposing a philosophy based on Art as an attitude at: sebastiafreixa.com
 - *Developing Minds*, brief annex analysis and proposals about brain hemispheres and ways of thinking.
 - *Developing Ethics*, brief annex analysis and proposals about concepts of good/bad.

Extracurricular Activity

Health and Integral Development, non-profit

Arbúcies, Girona (Catalonia)

CO-FOUNDER & PRESIDENT

Jan. 2018 - PRESENT

- Building the conceptual philosophy (*integral.tools*), the goals, statutes and all paperwork.
- Develop the Transparent Space (espaitransparent.art) in Arbúcies village as a health-through-art gathering space, fostering also fair economies, alternative information and multicultural social care.

Integral Devs, online team

Worldwide

CO-FOUNDER & LEAD DEVELOPER

May. 2017 - PRESENT

- Building an online team of developers with common goals and shared principals for the common good at: gitlab.com/integraldevs.