

# Antonio Carrasco Valero

You may find recommendation letters, more detailed resume, and hyperlinks to previous engagements at:  
<https://www.modeldd.org/curriculum-resources-list> .

*General reasons why Your Organization, Your Team and Customers shall profit from my contributions, are:*

*First: the breadth and depth of my experience, guarantees my resourcefulness and responsiveness, and the high quality of my work-products, even when parachuted over a complex organization, system and code base.*

*But most importantly: because I have contributed in many roles, I naturally look after many stakeholders' interests, when proposing solutions or risk-mitigation measures. When I work, I do it not just for my delivery, but to help the success of every effort upstream, downstream and on the sides, knowing perfectly that success, if any, emerges from the collaborative work of many. Often, I try and help to reach consensus among disparate parties, facilitating common grounds for agreement, and better alignment with corporate goals.*

Antonio produces software solutions. He started in the 80's programming multiuser applications in Theos Basic and MacroAssembler, HP3000 Pascal and OS9 K&R C. In his endeavor to deliver better quality and performance for his Employers and Customers, Antonio was driven and tough to master additional disciplines in the areas of Architecture, Process, Languages and Tools.

*Antonio has been evolving with mainstream technologies, and quite often developed or adopted technologies way before these became mainstream in the industry. From open systems UNIX & C, to object orientation and Smalltalk, distributed architectures and JavaEnterprise, or highly interactive user front ends for corporate web services and Javascript/HTML5.*

Software developer with 25 years of programming expertise in many languages (i.e. JavaScript, Python, PHP, Java, Smalltalk, C, Pascal, Basic, Assembler), platforms (i.e. Internet Browsers, J2EE, LAMP, Zope/Plone) and operating systems (Linux, UNIX, MacOS, Windows, MPE3000, Theos).

*Antonio writes high quality code both for humans and machines, with emphasis in robustness and predictable quality of work-products, often applying model driven techniques and tools. Antonio is used to join large initiatives, and be immediately productive with huge complex code bases, while adopting the local practices and culture.*

Advanced user and developer of software development and CASE tools, from repositories of source code and modeling artifacts, to code preprocessors, code generators, quality assurance instrumentation, and project planning and tracking.

*Antonio has been applying in his work many kinds of tools, in support of his commitment to deliver high quality and performance solutions. Often, Antonio has contributed to software development tools for proprietary use or the market at large.*

Requirements analyst and object oriented designer, expert contributor to standards for object modeling (i.e. OMG's UML, UN/CEFACT's ebXML).

*Antonio routinely incorporates in his designs best object oriented practices and architectural patterns, learned while working or co-authoring with most talented technology leaders of industry and academy. Antonio's focus is precise capture of the corporate knowhow as assets with the clarity needed by the many stakeholders.*

Architect of corporate applications and service frameworks. Often with a mandate to enable platform-independent analysis and their mapping and transformation for specific technology platforms.

*Antonio first delivered multi-tier industrial-strength systems in the mid-80's, and has architected object and service distributed solutions ever since. Often, Clients and Employers ask Antonio to develop or maintain core frameworks and components, seeing in the breadth and depth of Antonio's expertise a tool for early risk identification and mitigation.*

Process engineer and discipline lead, mentoring Team members and managers in the deployment of iterative and agile practices at organizations of many sizes.

*Antonio's development process expertise started with agile and extreme engagements in the late 80's and continued with his work within the Smalltalk community (arguably, a historical source of many modern practices). Later involved in much heavier corporate engagements, Antonio helped to transition from waterfall to Unified Process approaches. Antonio is now able to tailor best practices to deploy the software development process that best matches the Client organization's culture.*

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## **Antonio's engagement highlights**

2013 <http://www.modulo10.es/> Modulo10 Valoraciones de Activos, S.L. Valencia, Madrid, Spain. *Developed insurance valuation engine and benchmark components, a Single Page Application rich user interface, and 3D visualization for large insurance valuation data-sets. Applying technologies Javascript, HTML5, CSS3, WebGL, Angular.js, Apache, JavaEnterprise, Tomcat, MySQL.*

2012-2013 <http://cdm.UNFCCC.int> United Nations Convention for Climate Change (UNFCCC) Bonn, Germany. *Supplied technology enablement components for content management and user group administration, to replace 1/3 of customer service requests by self-servicing through the delivered components. Applying technologies: Javascript, JQuery, TinyMCE, CodeMirror, HTML, TALES, Python, Zope, ZODB, Apache, SVN, Linux (SUSE). VMware.*

2012 – <http://www.Teatro.es> <http://Danza.es> <http://www.auditorionacional.mcu.es> Centro de Documentación Teatral, Instituto Nacional de las Artes Escénicas y la Música Ministry of Culture, Madrid, Spain. *Developer of Python/Zope web applications for national Government (Centro de Documentación Teatral, Instituto Nacional de las Artes Escénicas y la Música Ministry of Culture, Madrid, Spain). Managed the Team of 4 developers plus 4 business domain experts. Architected, developed and maintained Web and collaborative content applications. Including the public search service over more than 6 million records and multi-terabyte multimedia resources about theater in Spain since 1936. Applying technologies: Javascript, HTML, TALES, Python, Zope, ZODB, CMF, Plone, Apache, BaseX, REST, CSS, Javascript, AJAX, JASON, XML, XQuery, SVN, Linux. VMware.*

2008-2012 <http://www.gvSIG.org> Conselleria de Infraestructuras y Transporte de la Generalidad Valenciana, Valencia, Spain and Asociación gvSIG (a global non-for profit). *Supplier of Python/Zope web and OO applications for regional Government ((global reach). Supplied highly optimized collaborative Web applications for localization of internationalized user interface strings in the gvSIG program, and others. Supplied Web applications for the specification and publishing of corporate procedures and software quality processes. Applying technologies: Python, Zope, ZODB, Plone, Nginx, BIND, REST, CSS, Javascript, AJAX, XML, XQuery, SVN, WingIDE, Linux. VirtualBox. Shell.*

2006-2008 <http://www.moskitt.org> Conselleria de Infraestructuras y Transporte de la Generalidad Valenciana, Valencia, and MOSkitt project. *Author the technical conditions for a 650.000 EUR government project to develop an open source Model Driven Architecture tool based on UML and Eclipse. Contribute to the requirements specification and test case models. Liason with Eclipse community.*

2007 <http://oami.europa.eu> European Commission's Office for Harmonization of the Interior Market; Alicante, Spain. Business Analyst and Project Management support. *Managed User Acceptance Tests cycles of OHIM flagship Programme, Euromarc++, through multiple iterations. Reported UAT summary and detailed results. Organized and developed the repository used by Programme for the set-up, planning, scheduling, follow-up and reporting of the User Acceptant Test. Applying technologies: MS-Access, FileNet, Java Enterprise.*

2004-2006 <http://www.hmrc.gov.uk> Her Majesty Revenue and Customs; Telford U.K.. (IRUP) Inland Revenue Unified Process Engineer and Discipline Lead. *Secured the system alignment to business requirements, by pioneering the adoption of UML2 behavior modeling and constraint language, while protecting the organization's extensive investment in UML1 tooling. Model Driven Architectures (MDA) mentoring and tooling. Contribute improvements to the Inland Revenue Unified Process. Participate in the deployment of IRUP throughout flagship Programmes of the Cap Gemini account at the IR. Provide Model Driven Architecture solutions based on UML2 for System Requirements Analysis, Data Warehousing and Enterprise Component & Services Architecture. Hands-on Analysis of Requirements, Use Cases and forward engineering into Design. UML, Java Enterprise.*

1998-2002 <http://modeldriven.com> Data Access Technologies; Miami, USA. <http://OMG.org> Object Management Group. UNITED NATIONS/CEFACT & OASIS. Architect. *Responsible for development of new standard modeling specifications, along with technology and products supporting them. Research funded by multi-million grant from National Institute of Standards and Technology, Advanced Technology Program. Co-authored 3 worldwide adopted MDA standards.*

1996-1998 J.P. Morgan Object Technology Group, Wall Street and Bankers Trust, World Trade Center, New York City, USA Consultant. *Develop critical components and 3 tier architectures for in-house products. Promote best practices for object oriented development. Facilitate the Firm's transition to N-tier architectures. Manage and contribute to the Firm's multi-platform library of Smalltalk reusable assets, including Y2K certification. Top-tier Smalltalk Hot-Line. 1.5 years.*

1994-1996 Reich Technologies (UML Copyright holder); Brest, France; Paoli, USA; Brussels, Belgium. Consultant. *One of the team of 4 to launch the Company's first modeling tool generating multi-million Euro sales. Contributing innovations in low-risk/high-return software development. First commercial implementation of what is now known as Object Constraint Language of UML.*

## EDUCATION

2 Years Electrical Engineering; changed courses, 2 years Computer Science. Educational background plus experience was evaluated by the Foundation for International Services, Inc. as equivalent to a bachelor's degree in Computer Science.

## STANDARDS

1995-1997	Unified Modeling Language (UML 0.8 to 1.1)	Object Management Group
1998	Business Object Component Architecture (BOCA)	Object Management Group
1999-2002	UML for Enterprise Distributed Object Computing (EDOC)	Object Management Group
2000-2001	UML for Enterprise Application Integration (EAI)	Object Management Group
2001	Java Specification Request #159	Java Community Process
2000-2001	ebXML (XML for electronic business)	United Nations/CEFACT & OASIS
2001-2003	Unified Modeling Language 2.0 (UML 2.0)	Object Management Group

## natural LANGUAGES

Spanish -native English -negotiation . French - read; basic conversation.

## STATUS

Spanish. Married, no children, Located in Friesdorf, Bonn (DE). Driver license, own car