

Our business is Citilab, a center for social and digital innovation near Barcelona



The center is located in a refurbished textile factory



Technology, education and art are all part of what we do, and we try to share it all with the citizens



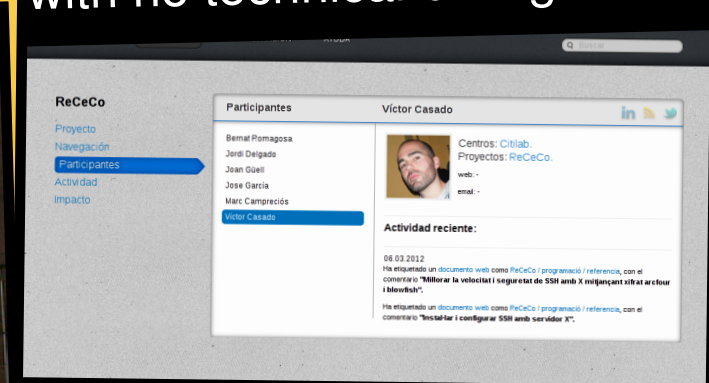
For instance, this self-watering flowerpot has been designed by 60-plus year old people with no technical background



The person behind our project is Jordi Delgado, member of the ESUG board and local organizer of ESUG 2010



The group I belong to mostly focuses on teaching how to program, specially to kids



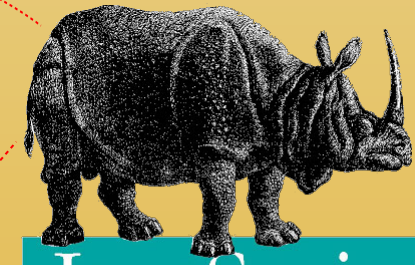
Although, lately, we've been busy developing a social work platform aimed at inter-connecting knowledge centers



Our technological asset involves a lot of different technologies. Our latest project, ReCeCo, is a social work platform aimed at connecting centers similar to ours

A browser plugin (🌐, 🦊, 🍏)

The screenshot shows a browser window with a URL: `www.nicolas-petton.fr/2011/04/15/load-balancing-iliad-applications.html`. The main content is a JavaScript class definition for `IliadStarter`. The class has several methods: `initialize`, `startUp`, and `startOn`. The `initialize` method calls `Smalltalk` to remove the class from the start-up list and add it back. The `startUp` method extracts parameters from the URL and starts the application. The `startOn` method starts the application on a specific port. The ReCeCo interface on the right shows a search bar and a list of results, including 'ReCeCo: programació / smalltalk / liad / escalabilitat' and 'Bernie Fontgosa: Com balancear la càrrega d'una aplicació sobre diverses imatges amb Apache'.



JavaScript



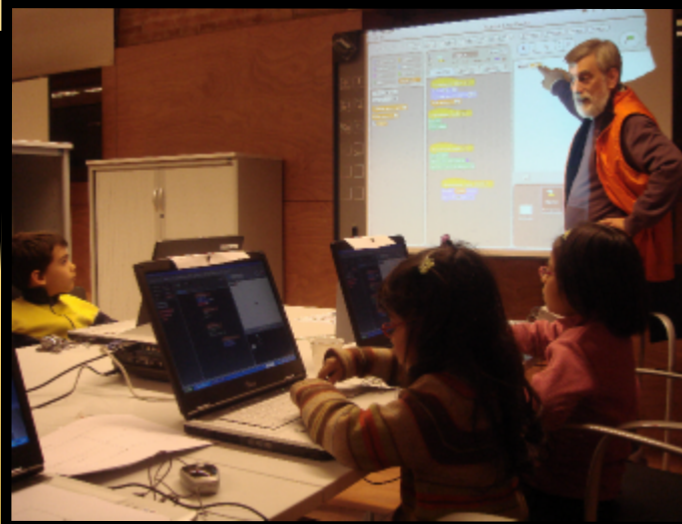
A web application

The screenshot shows the ReCeCo web application interface. The top navigation bar includes 'CENTROS', 'PROYECTOS', 'ADMINISTRACIÓN', and 'AYUDA'. The left sidebar contains a navigation menu with 'Proyecto', 'Navegación', 'Participantes', 'Actividad', and 'Impacto'. The main content area shows a search bar and a list of results. The first result is 'referencia' with a sub-menu including 'programació', 'plugin', 'safari', 'chrome', 'persistència', and 'referencia'. The second result is 'javascript' with a sub-menu including 'grafics', 'lliberies', 'llibres', 'scripts', 'tutorials', 'Online JavaScript beautifier', and 'Eloquent JavaScript'. The 'Online JavaScript beautifier' result is highlighted.

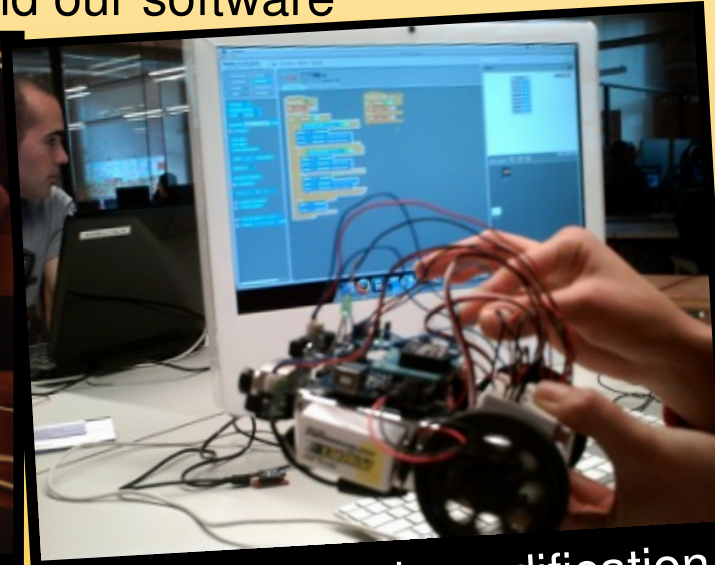
What we can share is our experience and our software



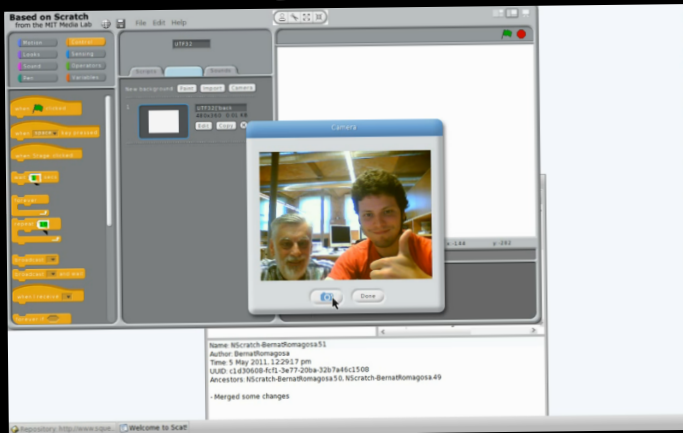
Since 2009, we have been organizing an annual conference for teachers, focused on programming and robotics for children



We have a vast experience on teaching programming to kids, basically by means of Scratch and S4A



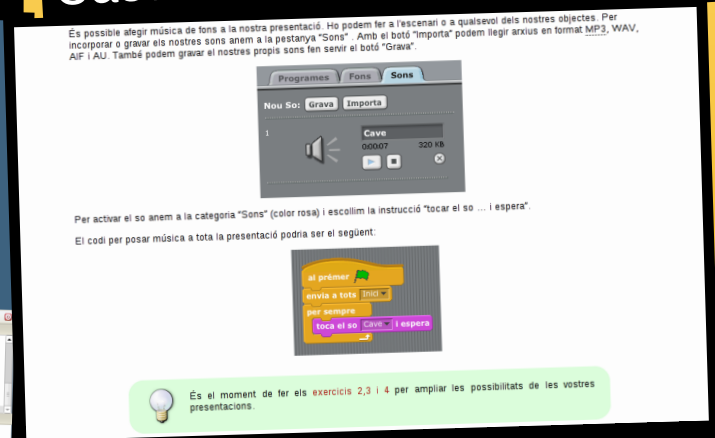
S4A is a Scratch modification for programming Arduino in Scratch, coded by Victor Casado and Marina Conde



We are also the authors of Scat, an unfortunately named effort to port Scratch to Pharo which is currently on hold waiting for new developers



SmalltalkTutor is an online Smalltalk school coded in Pharo, Iliad and Amber. We are currently waiting for funds in order to finish the project



Around 150 school teachers have been trained on Scratch by means of our online course, backed by the Catalan Education Department

