Software libre en el sector de la construcción





arquitecto y consultor BIM



SPA Planeamento

arquitectura



ediliciaBIM

consultoría BIM y de procesos de transformación digital.



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plataforma de alertas de empleo BIM



BIMrras

difusión de la metodología BIM y la tecnología en el sector AECO



BIMfluencersTopHispano CTO

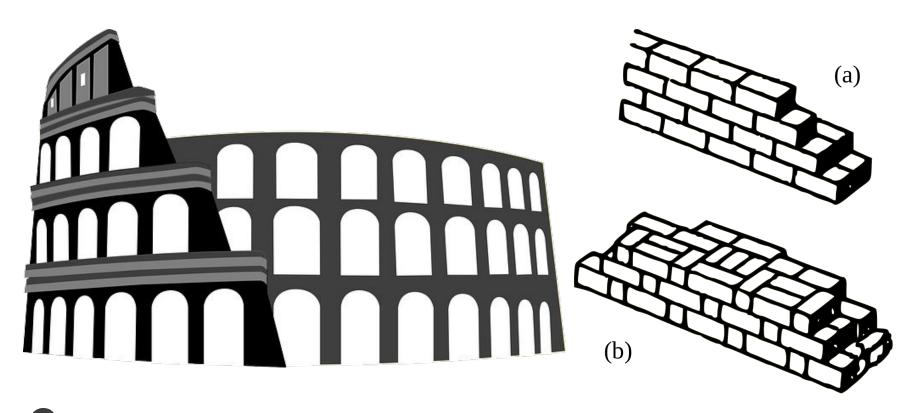


BIMrras INSIDERS



La comunidad BIM en español más activa







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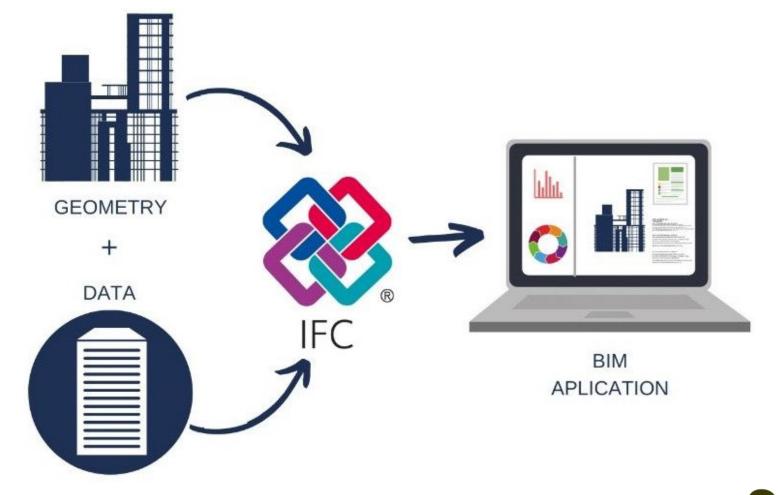


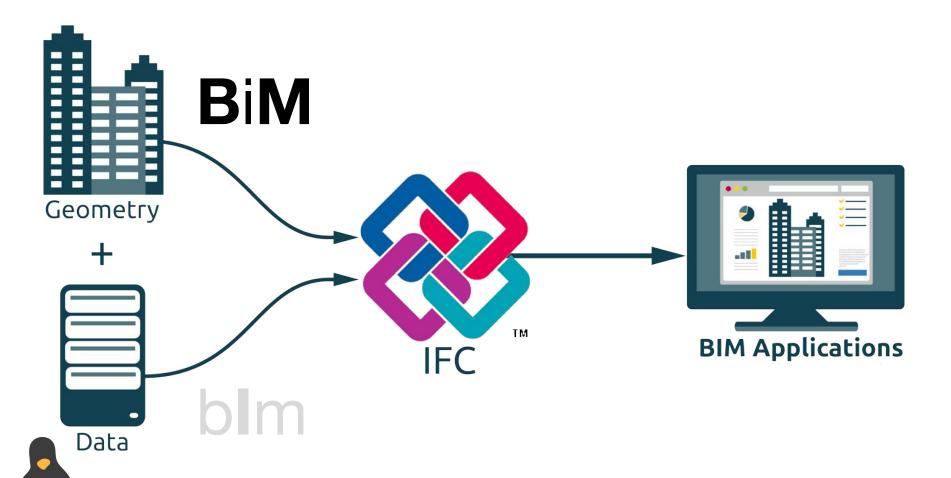


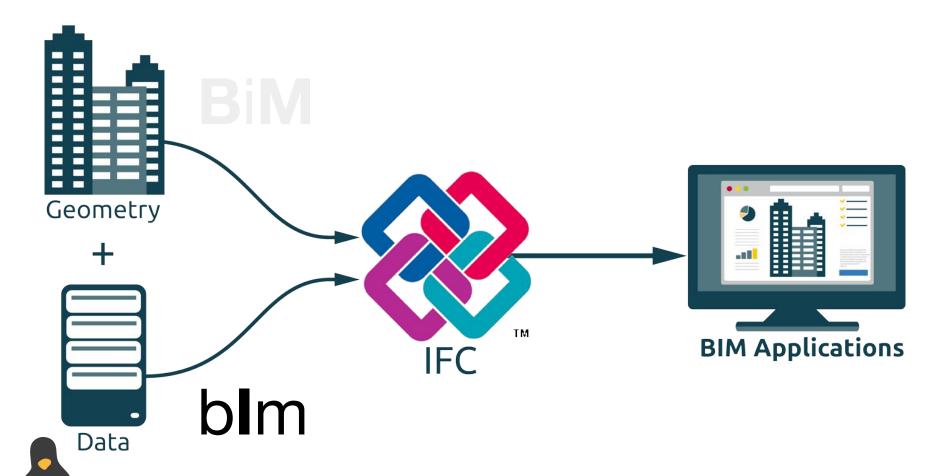


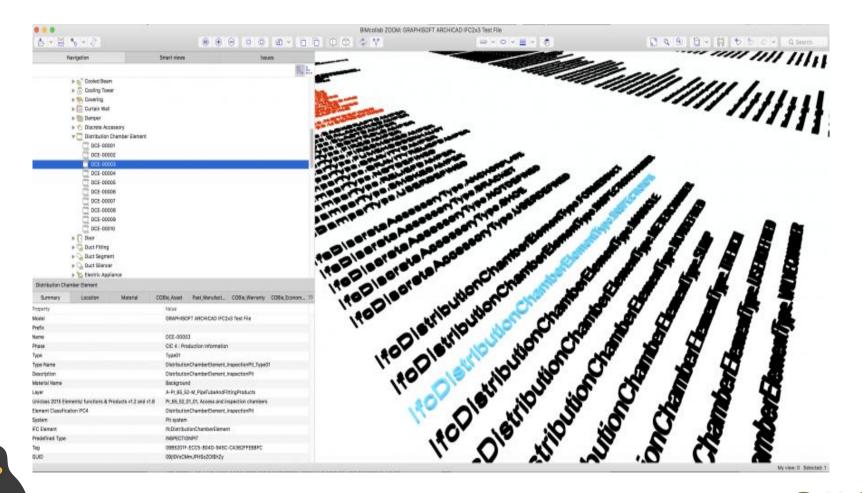
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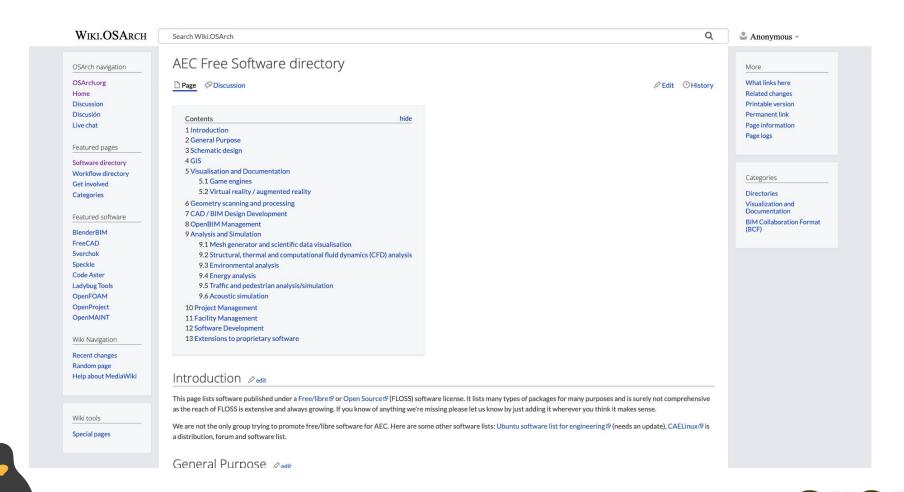
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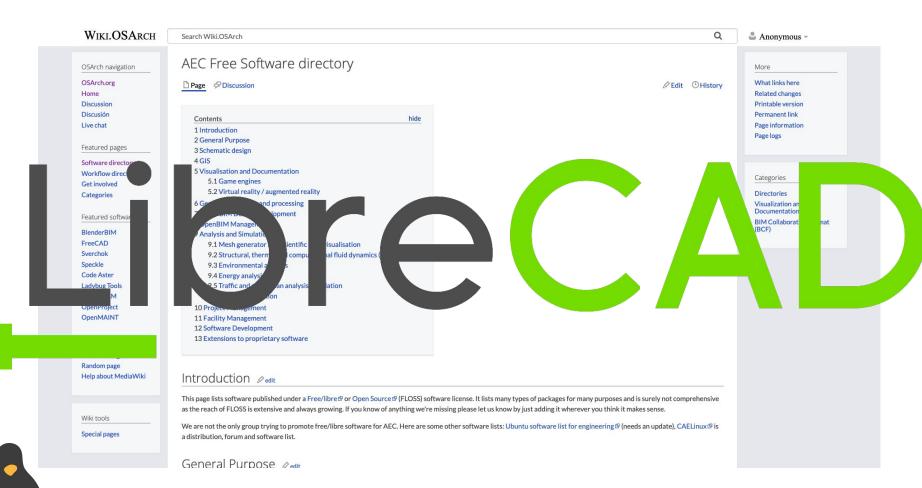
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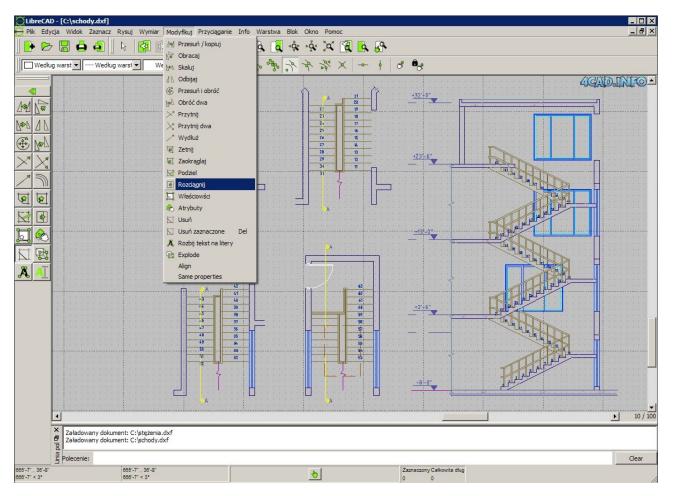
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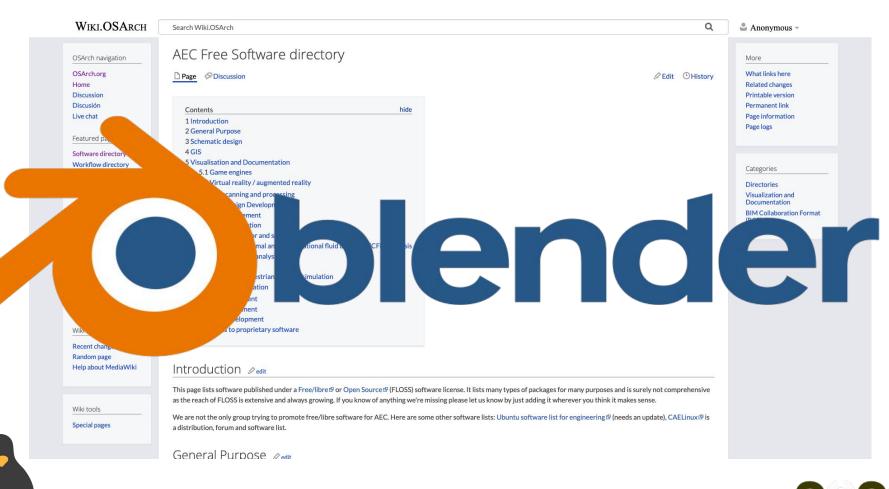
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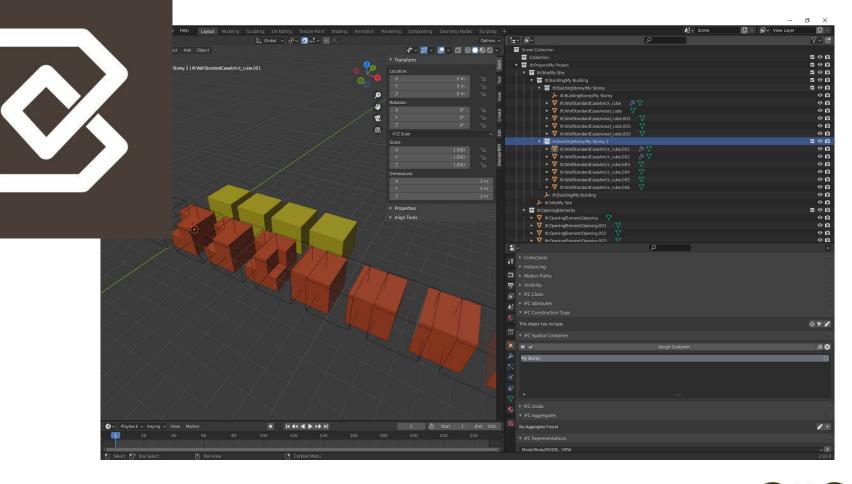


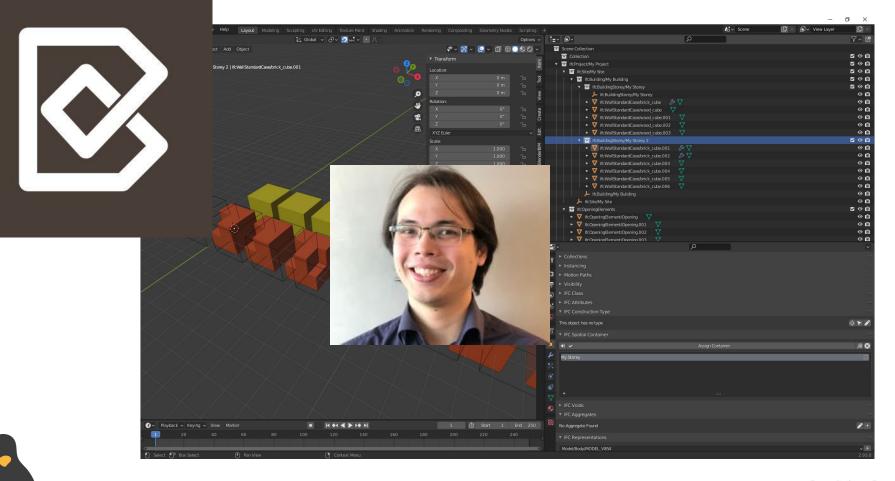


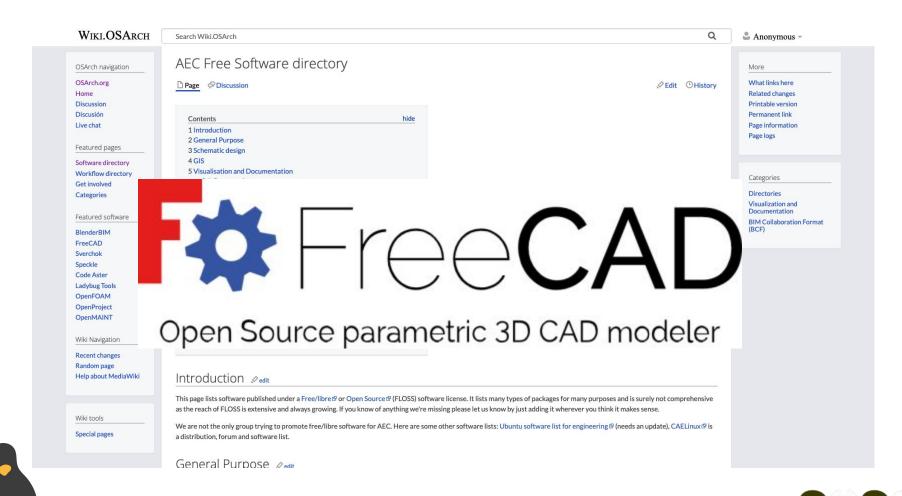


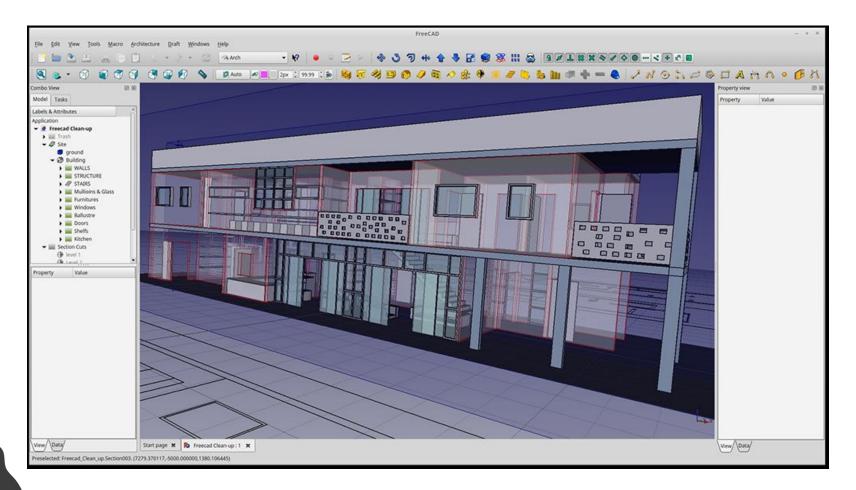


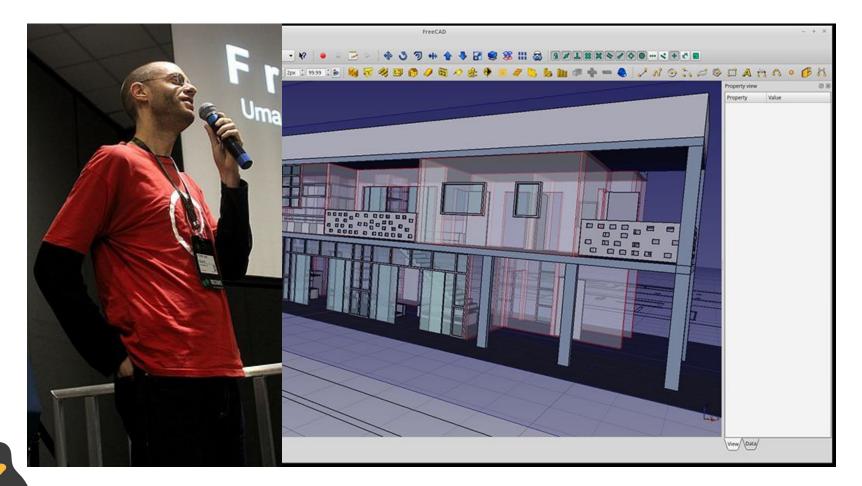


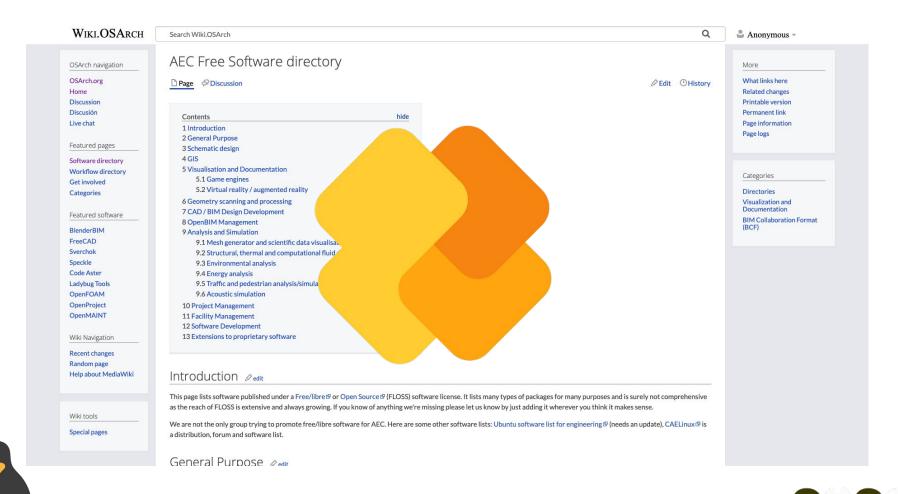


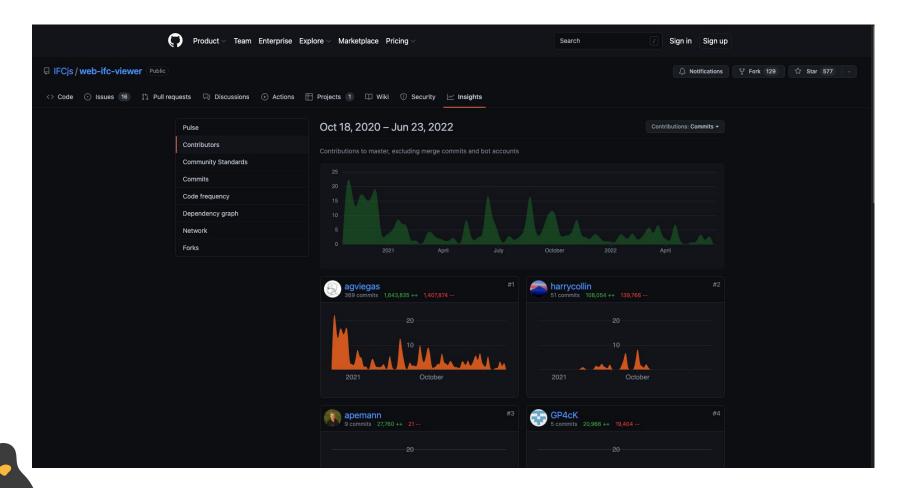




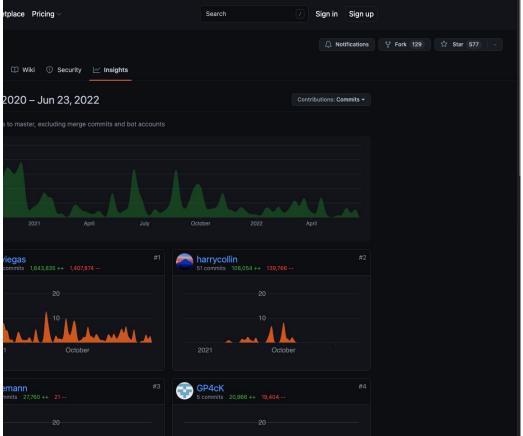












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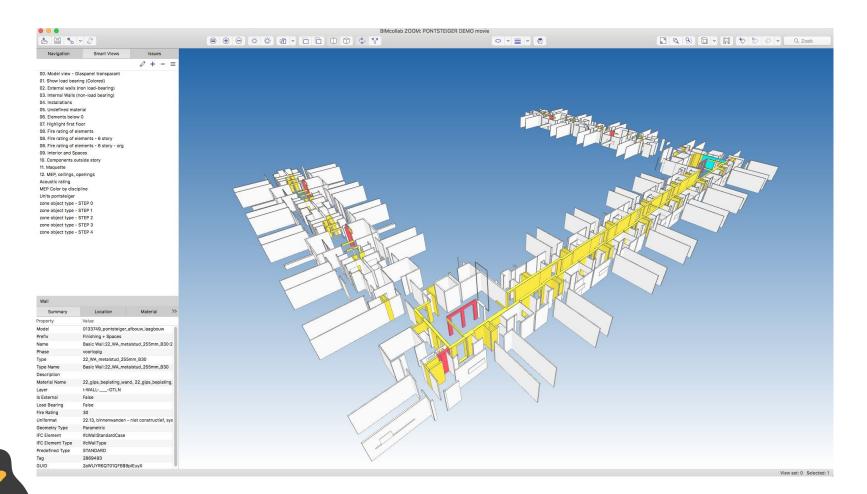
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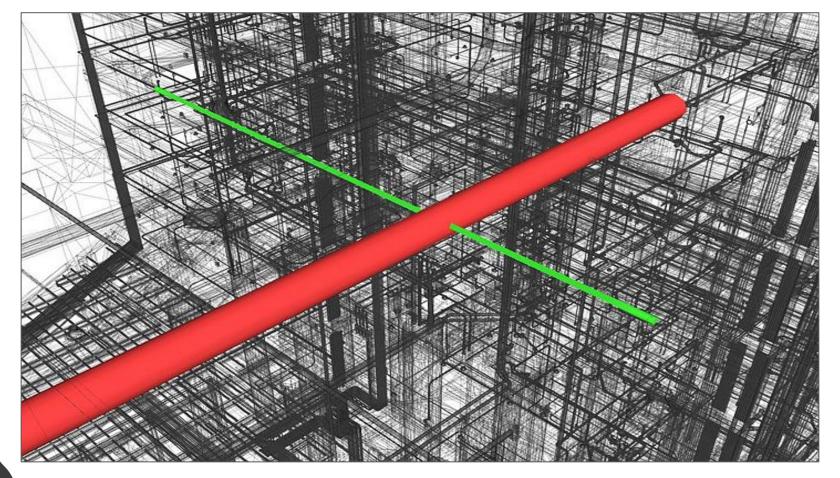
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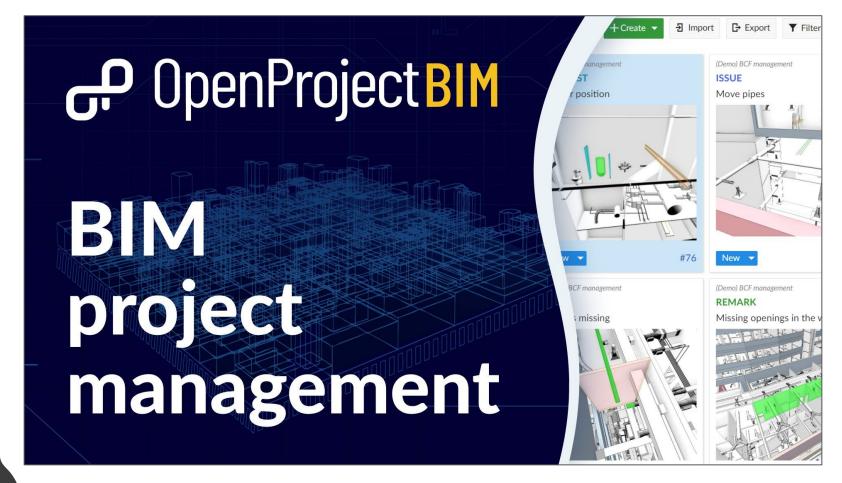
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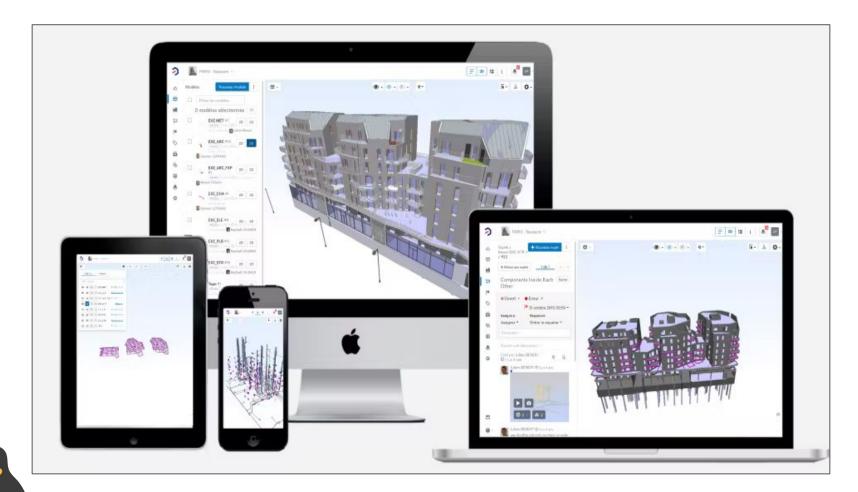












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	Structural, thermal and computational fluid dynamics (CFD) analysis 🖉 edit									
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	blastFoam®	$A \ CFD \ solver, built on top \ of \ OpenFOAM, for multi-component \ compressible \ flow \ with \ application \ to \ high-explosive \ detonation, explosive \ safety \ and \ air \ blast.$	GPL-3.0							
	CalculiX®	CalculiX is a package designed to solve field problems. The method used is the finite element method. With CalculiX Finite Element Models can be built, calculated and post-processed.	GPL-2.0							
	code_aster Code_Aster	Code_Aster offers a full range of multiphysical analysis and modelling methods that go well beyond the standard functions of a thermo mechanical calculation code: from seismic analysis to porous media via acoustics, fatigue, stochastic dynamics, etc.	GPL-3.0							
	Code_Saturne면	Code_Saturne is the free, open-source software developed and released by EDF to solve computational fluid dynamics (CFD) applications. It solves the Navier-Stokes equations for 2D, 2D-axisymmetric and 3D flows, steady or unsteady, laminar or turbulent, incompressible or weakly dilatable, isothermal or not, with scalars transport if required.	GPL-2.0							
	Elmer⊕	Elmer is a multiphysical simulation software that includes physical models of fluid dynamics, structural mechanics, electromagnetics, heat transfer and acoustics, for example. These are described by partial differential equations which Elmer solves by the Finite Element Method (FEM).	GPL-2.0 (software) and LGPL-2.1 (solver)							
	Energy2D ^g	"Energy2D is an interactive multiphysics simulation program that models all three modes of heat transfer—conduction, convection, and radiation, and their coupling with particle dynamics. Energy2D runs quickly on most computers and eliminates the switches among preprocessors, solvers, and postprocessors typically needed to perform computational fluid dynamics simulations." source.	LGPL-3.0-only							
	EPANet®	EPANet is a software application used throughout the world to model water distribution systems. It was developed as a tool for understanding the movement and fate of drinking water constituents within distribution systems, and can be used for many different types of applications in distribution systems analysis.	MIT							
	Estru3D₽	Program for structural analisys using the Stiffness Matrix Method. It has its own graphical interface and full GUI. Now beign translated to english. It is developed in Gambas3 basic only.	GPL-3.0							
	Fino₽	Fino is a free and open source tool that uses the finite-element method to solve (i) steady-state thermo-mechanical problems, or (ii) steady or transient heat conduction problems, or (iii) modal analysis problems.	GPL-3.0							
	Fire Dynamics	Fire Dynamics Simulator (FDS) is a large-eddy simulation (LES) code for low-speed flows, with an emphasis on smoke	GNU3.0 ₽							

esLibre²⁰

