



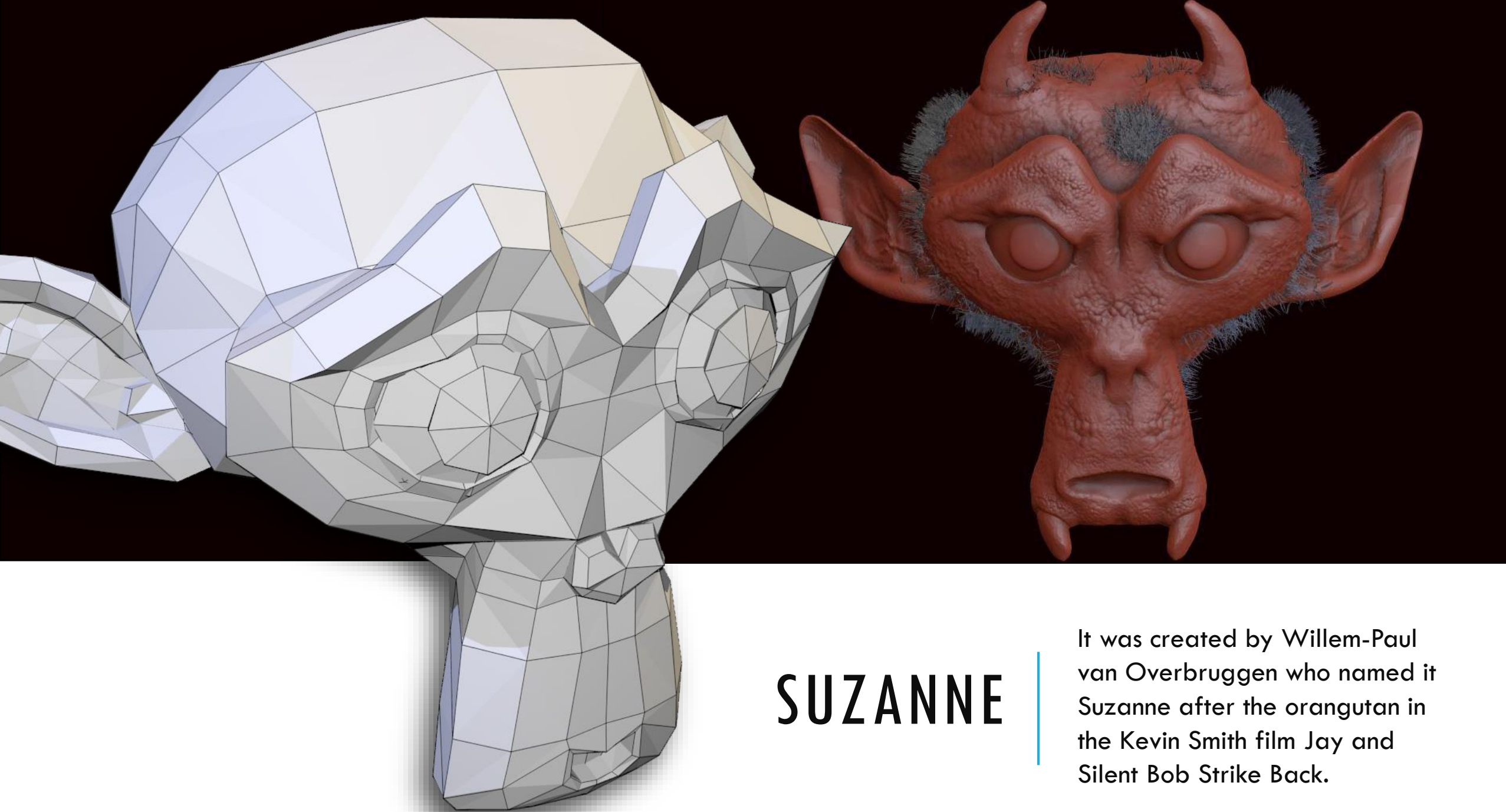
BLENDER

Professional free and open-source 3D computer graphics software product used for creating animated films, visual effects, art, 3D printed models, interactive 3D applications and video games.



DEMORREEL 2014





SUZANNE

It was created by Willem-Paul van Overbruggen who named it Suzanne after the orangutan in the Kevin Smith film Jay and Silent Bob Strike Back.





قابلیت ها

قابلیت ها



3D MODELING

Blender's comprehensive array of modeling tools make creating, transforming and editing your models a breeze.



SCULPTING

Experience the joy of sculpting organic subjects using the built-in sculpting feature set of Blender.

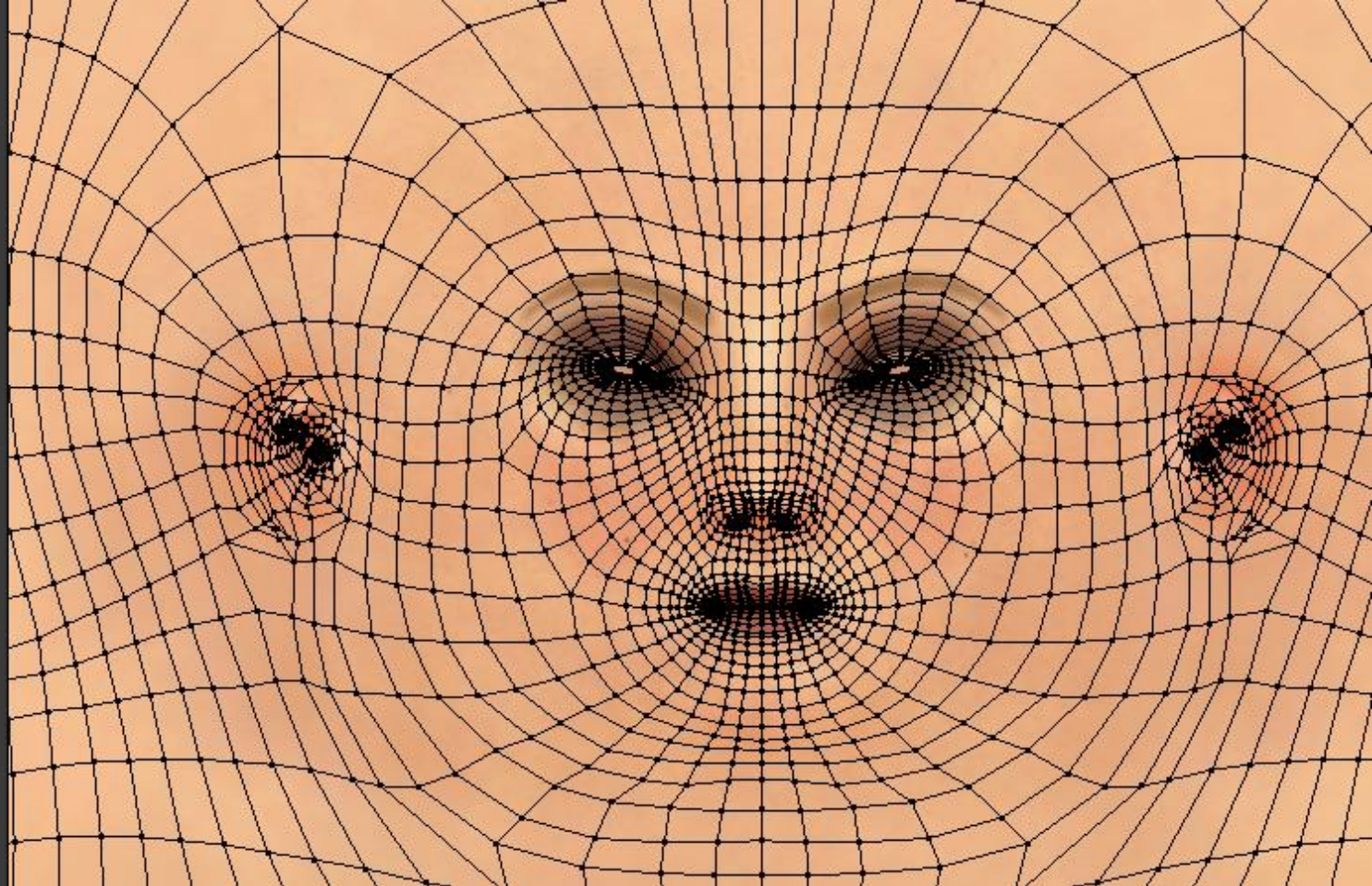
قابلیت ها



RIG & ANIMATION

Thanks to the high quality rigging and animation tools, Blender is being used for numerous short films, advertisements, TV series and feature films now.

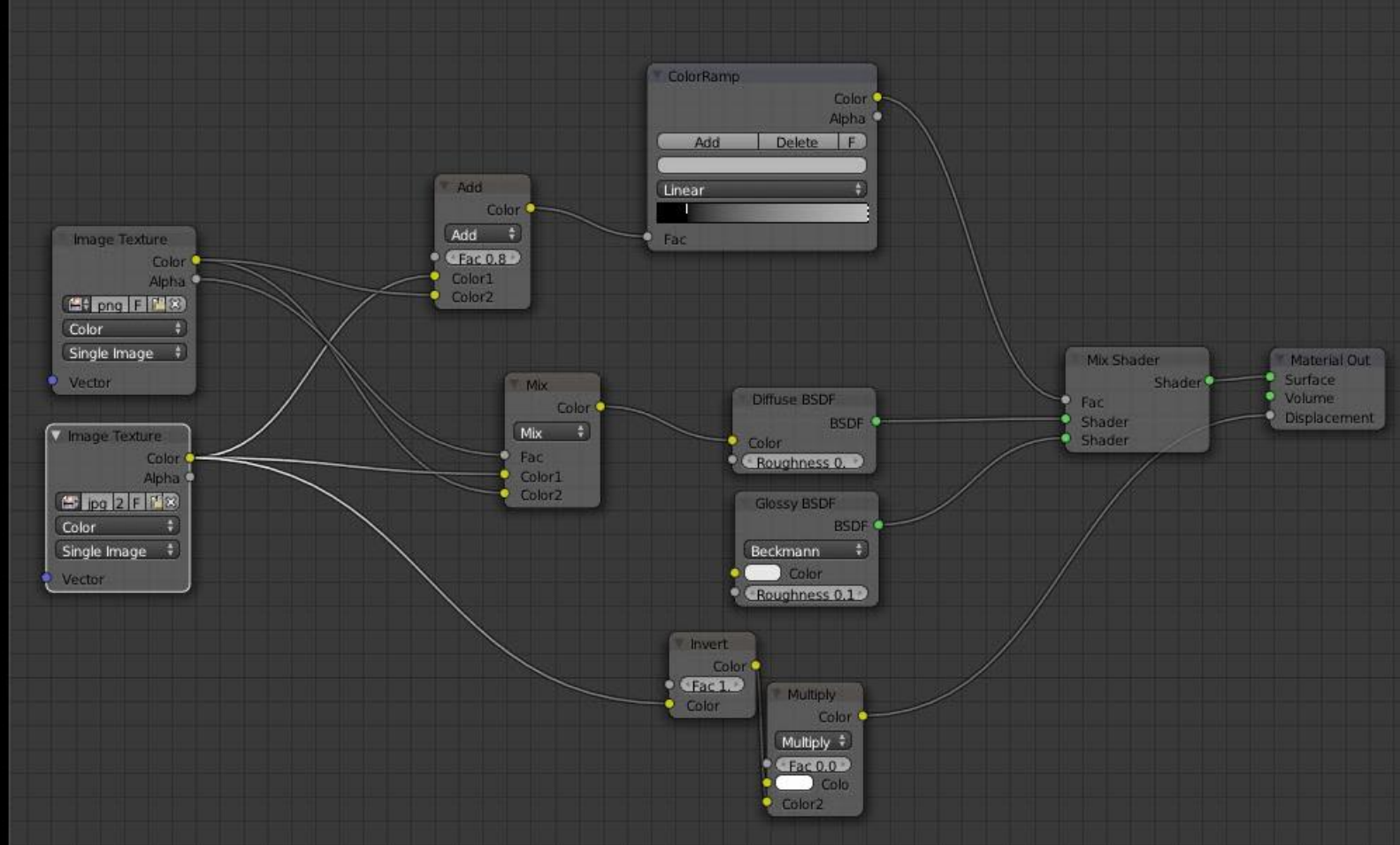
قابلیت ها



UV UNWRAPPING

Easily unwrap your mesh right inside Blender, and use image textures or paint your own directly onto the model.

قابلیت ها



MATERIAL & TEXTURING

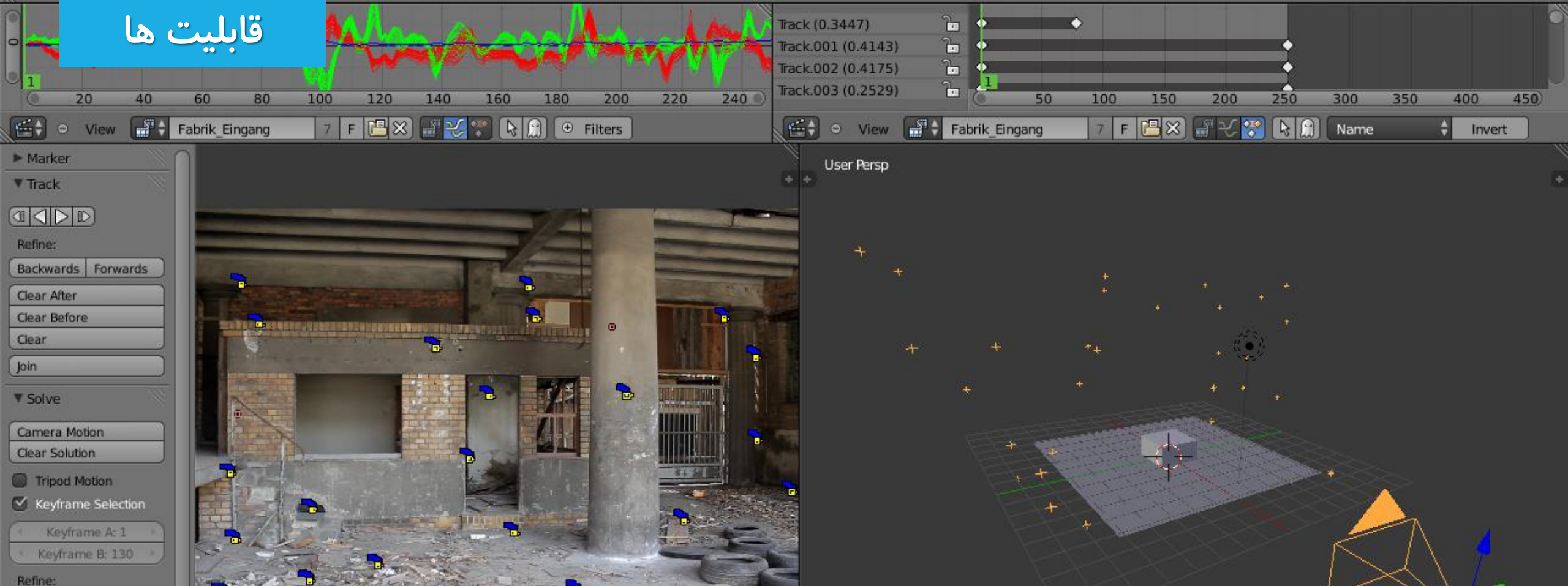
With Blender's new rendering engine the possibilities for materials are endless.



SIMULATIONS

Whether you need a crumbling building, rain, fire, smoke, fluid, cloth or full on destruction, Blender delivers great looking results.

قابلیت ها



CAMERA AND OBJECT TRACKING

Allowing you to import raw footage, track the footage, mask areas and see the camera movements live in your 3d scene. Eliminating the need to switch between programs.



VIDEO EDITING

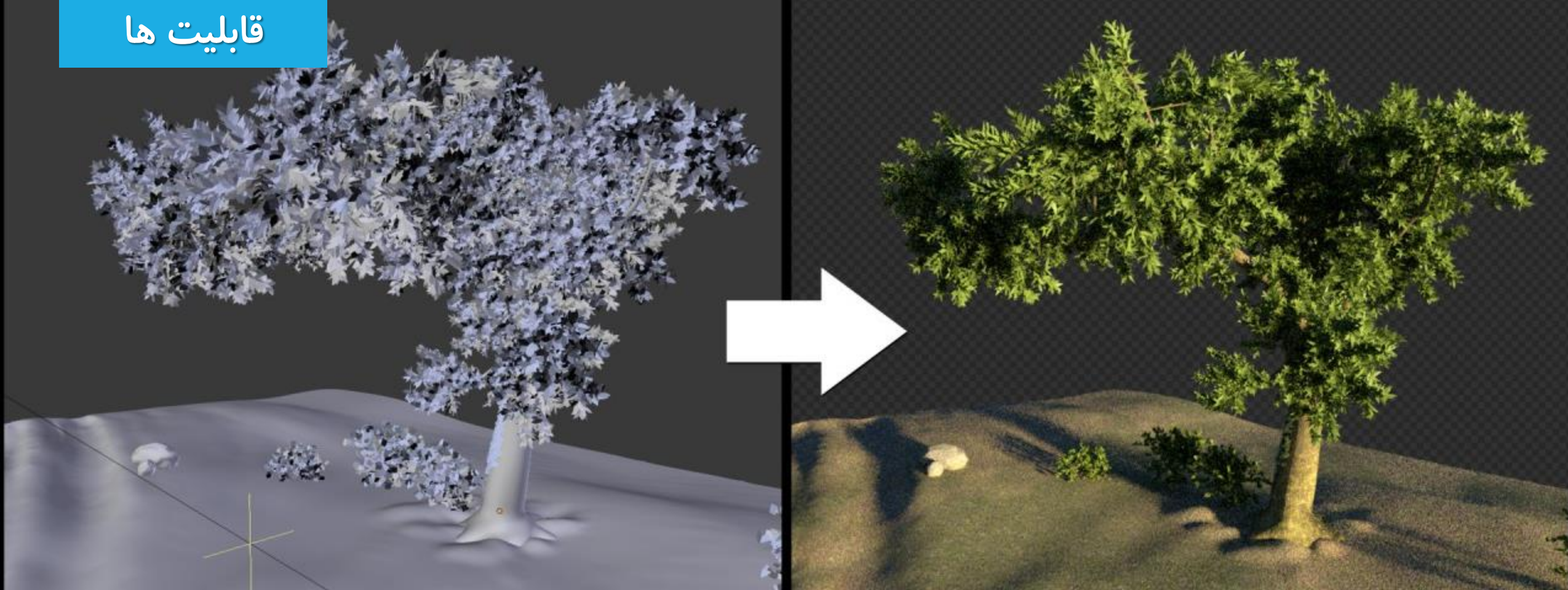
The Video Editor allows you to perform basic actions like video cuts and splicing, as well as more complex tasks like video masking.



COMPOSITING

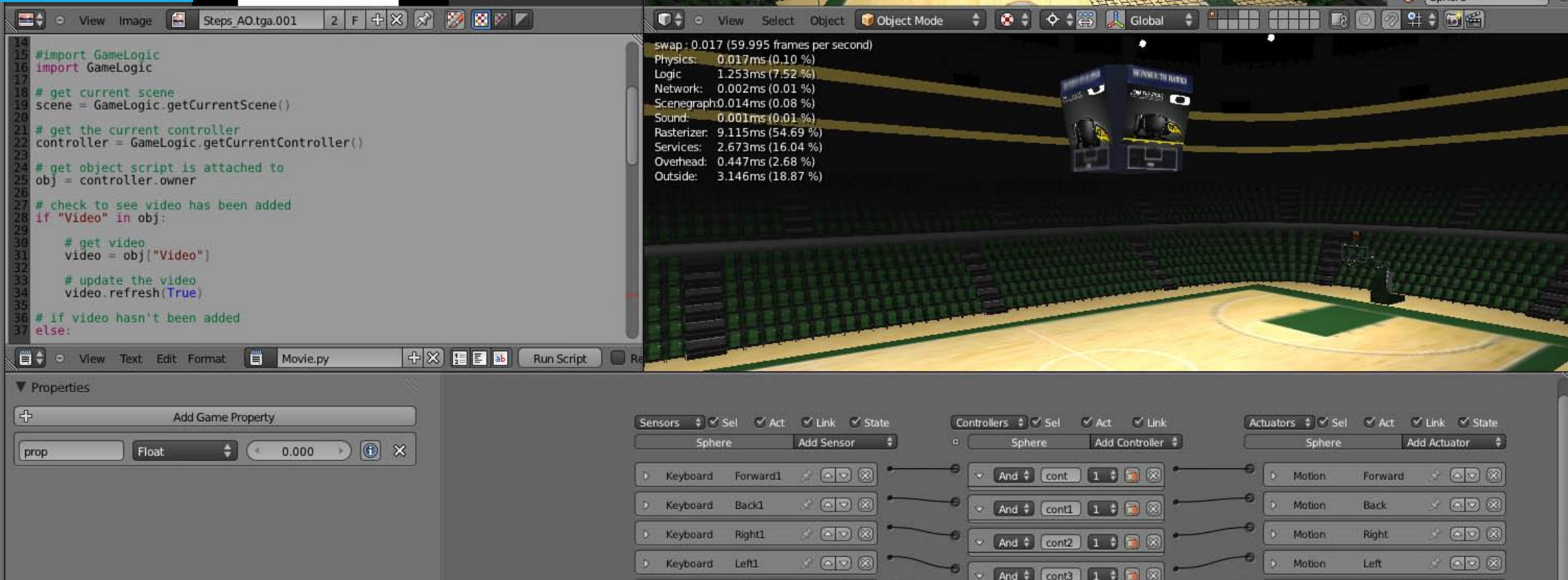
Blender comes with a fully fledged compositor built right in. That means no more exporting to third party programs, you can do it all without leaving the program.

قابلیت ها



RENDERING

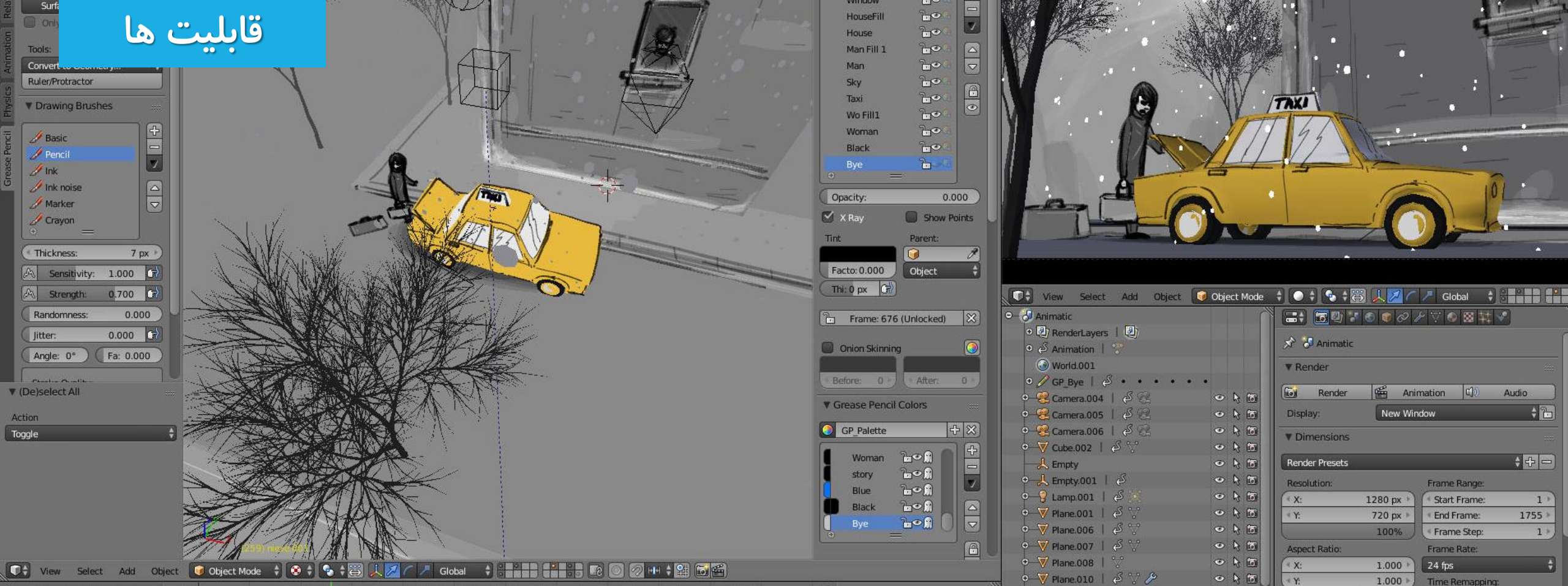
Blender now features a powerful new unbiased rendering engine called Cycles that offers stunning ultra-realistic rendering.



GAME ENGINE

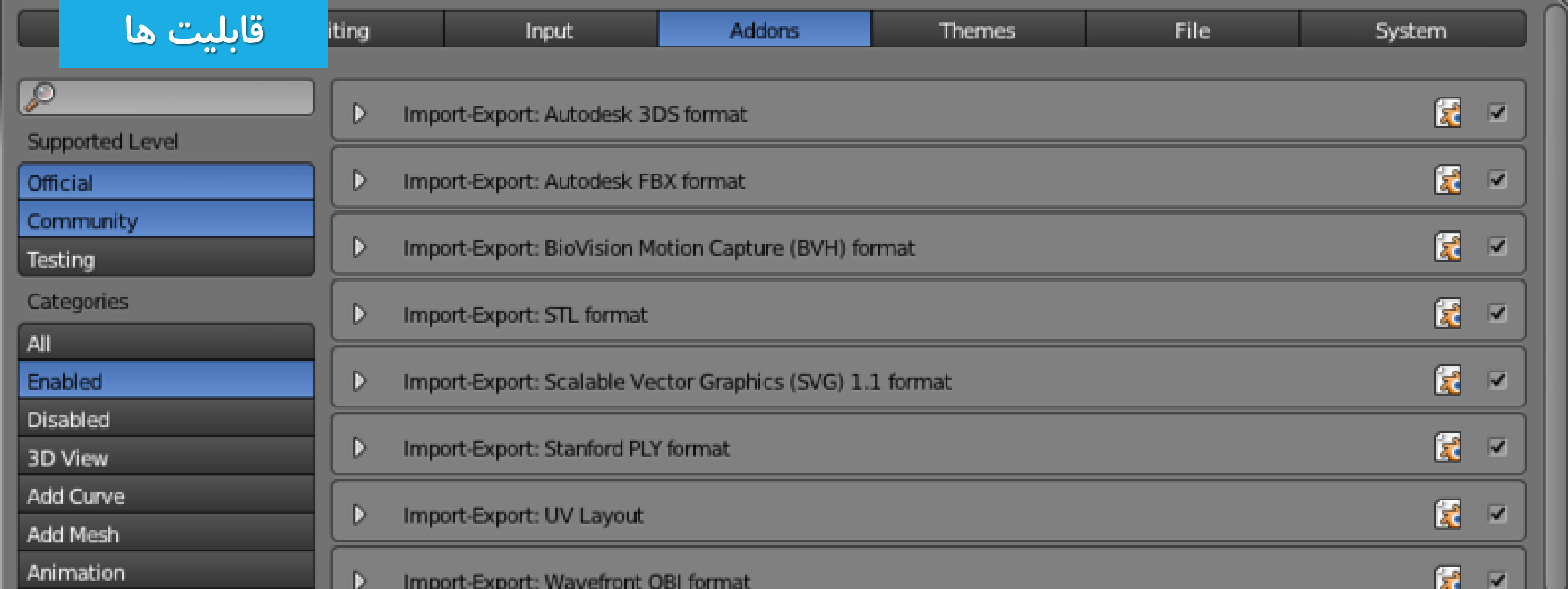
Included in Blender is a complete game engine, allowing you to create a fully featured 3d game right inside Blender.

قابلیت ها



STORY ART, DRAWING 2D IN 3D

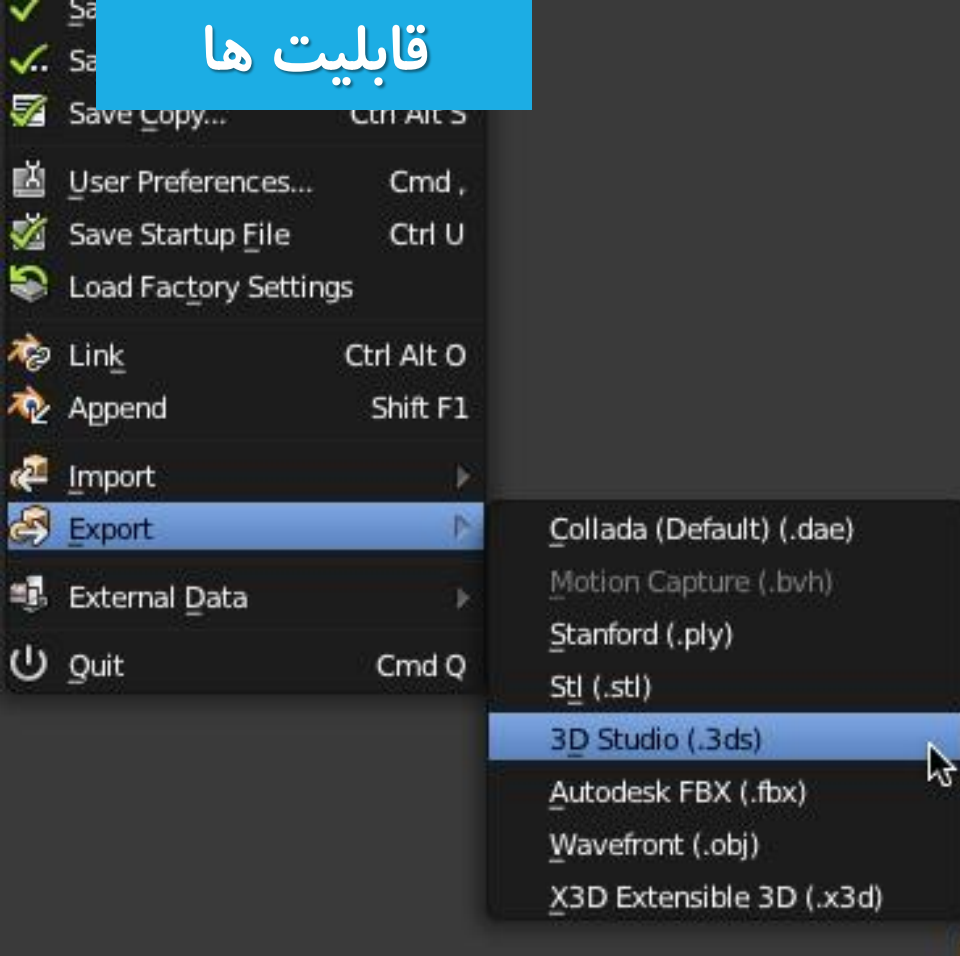
Really! Drawing directly in a 3D viewport makes a lot of sense. It opens unsurpassed workflow freedom for story-boarders and 2D artists.



LIBRARY OF EXTENSIONS

With a large community of enthusiasts and developers, Blender comes loaded with a vast array of extensions that you can turn on or off easily.

قابلیت ها



FILE FORMATS

Blender comes packed with import/export support for many different programs.

قابلیت ها



FLEXIBLE INTERFACE

Novice and advanced users will love the ability to customize their layout completely. From simply splitting their viewport, to fully customizing it with python scripting, blender works for you.



USAGES

کاربردها

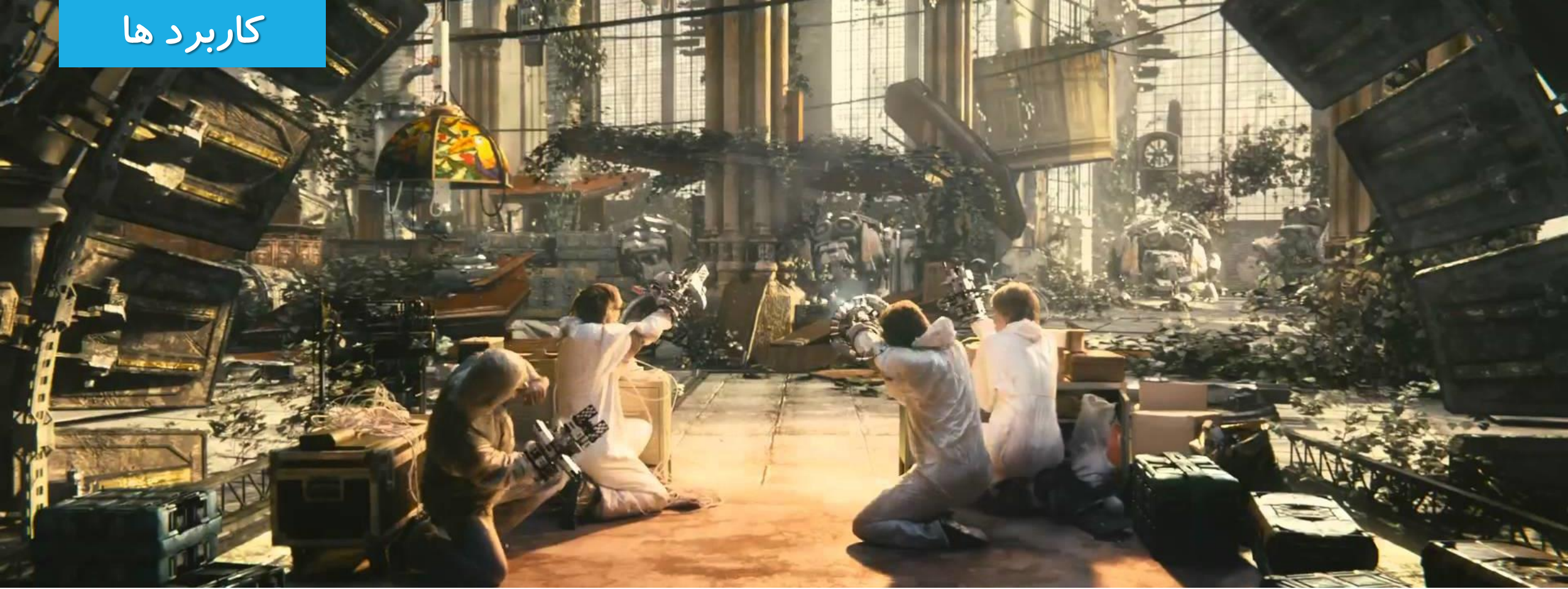
کاربرد ها



طراحی و مدل سازی اشیا، شخصیت و محیط

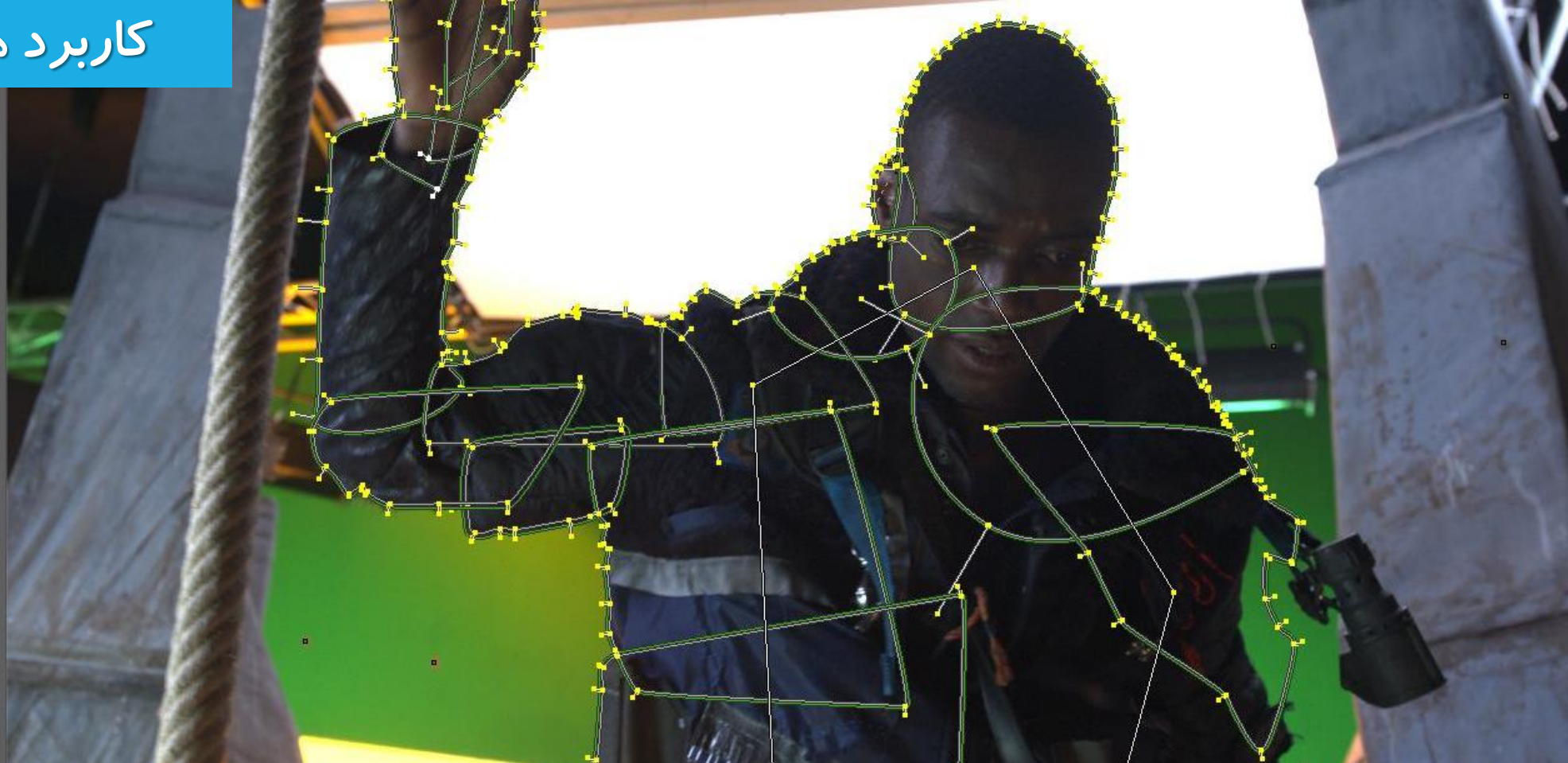


سافت پویانمایی سه بعدی و دو بعدی



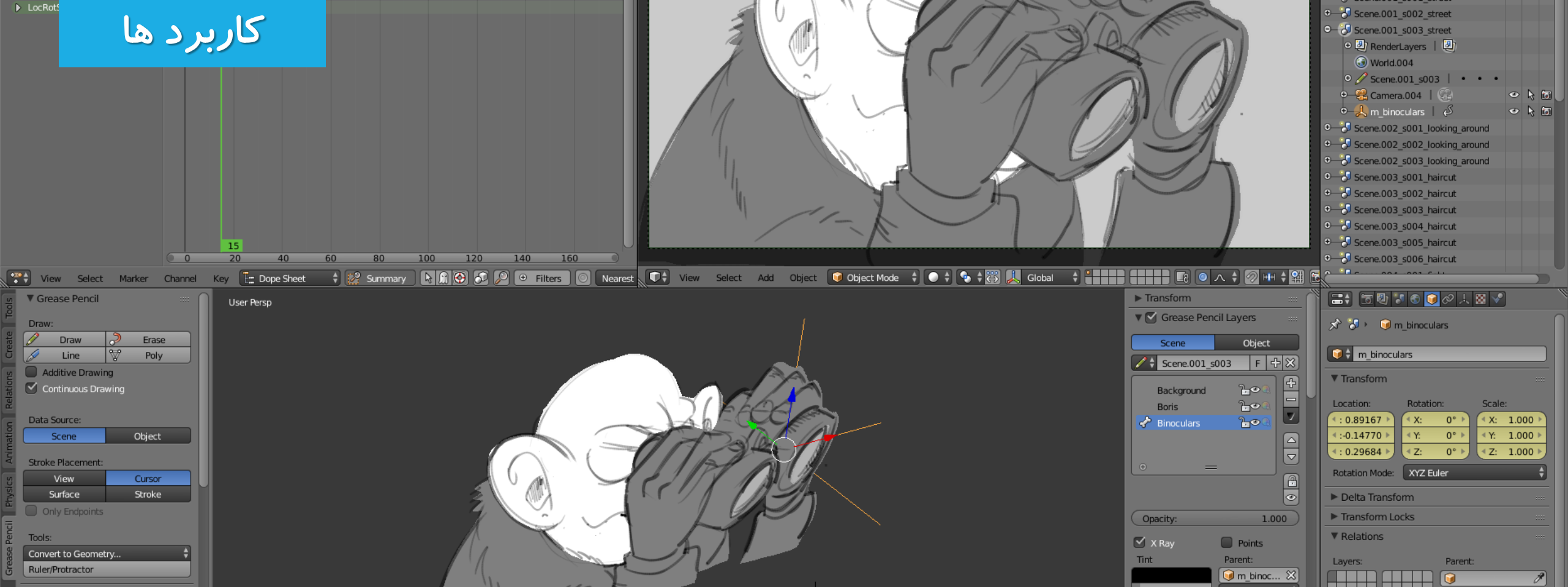
افزودن جلوه های ویژه به تصاویر و فیلم ها

کاربرد ها



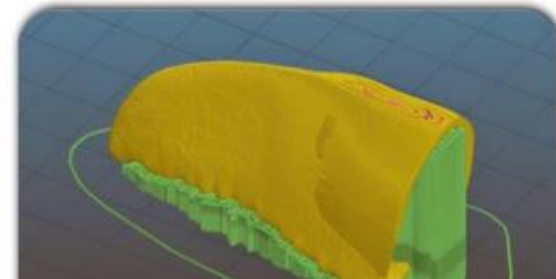
ترکیب ویدیوها و تصاویر

کاربرد ها

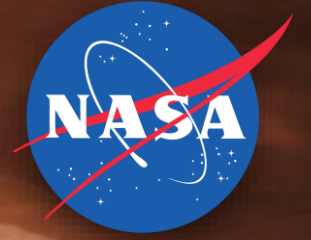


سافت استوری بورد با قابلیت متحرک سازی

کاربرد ها

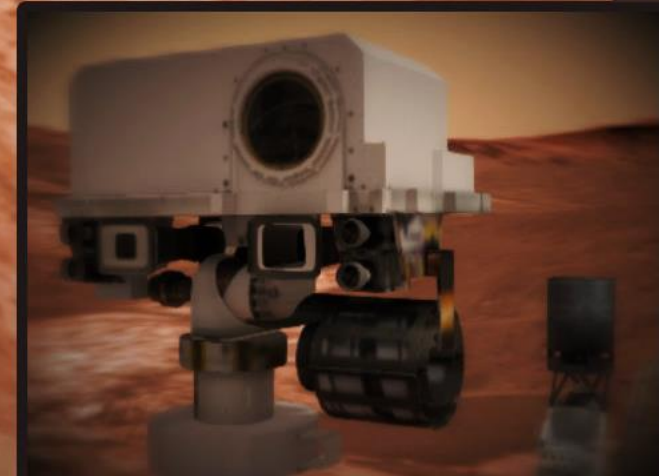
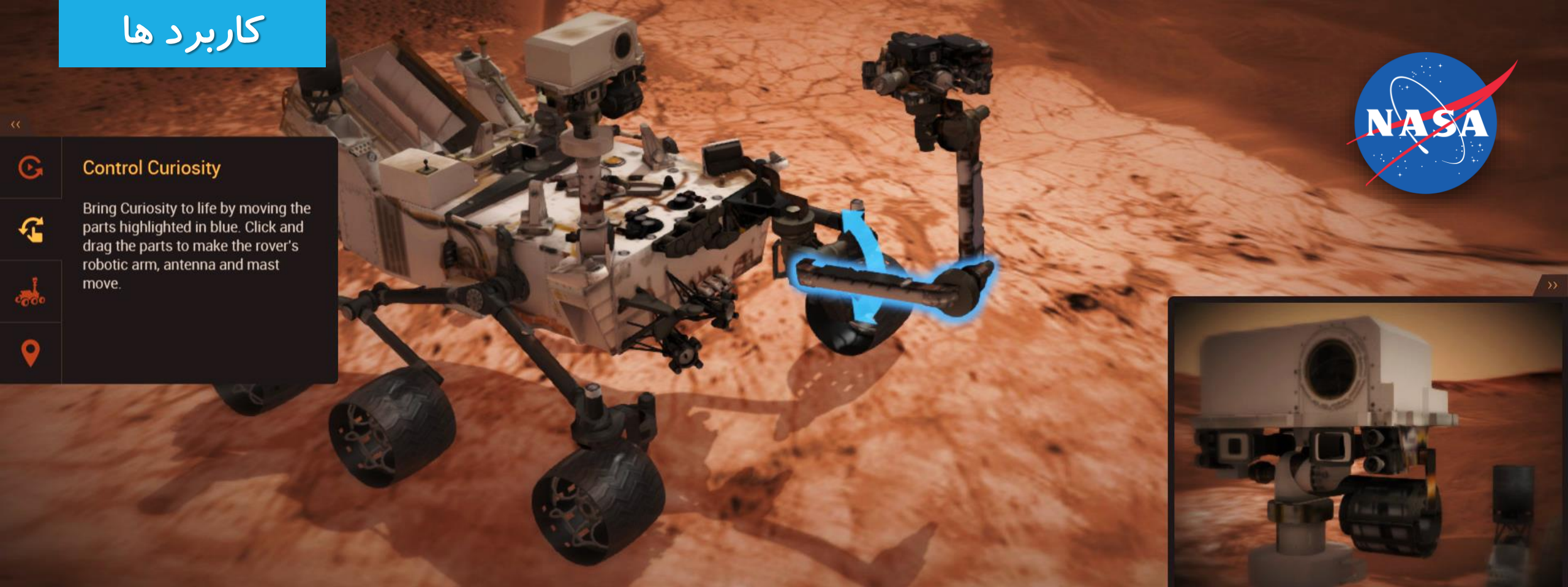


ویرایش و چاپ سه بعدی مدل ها

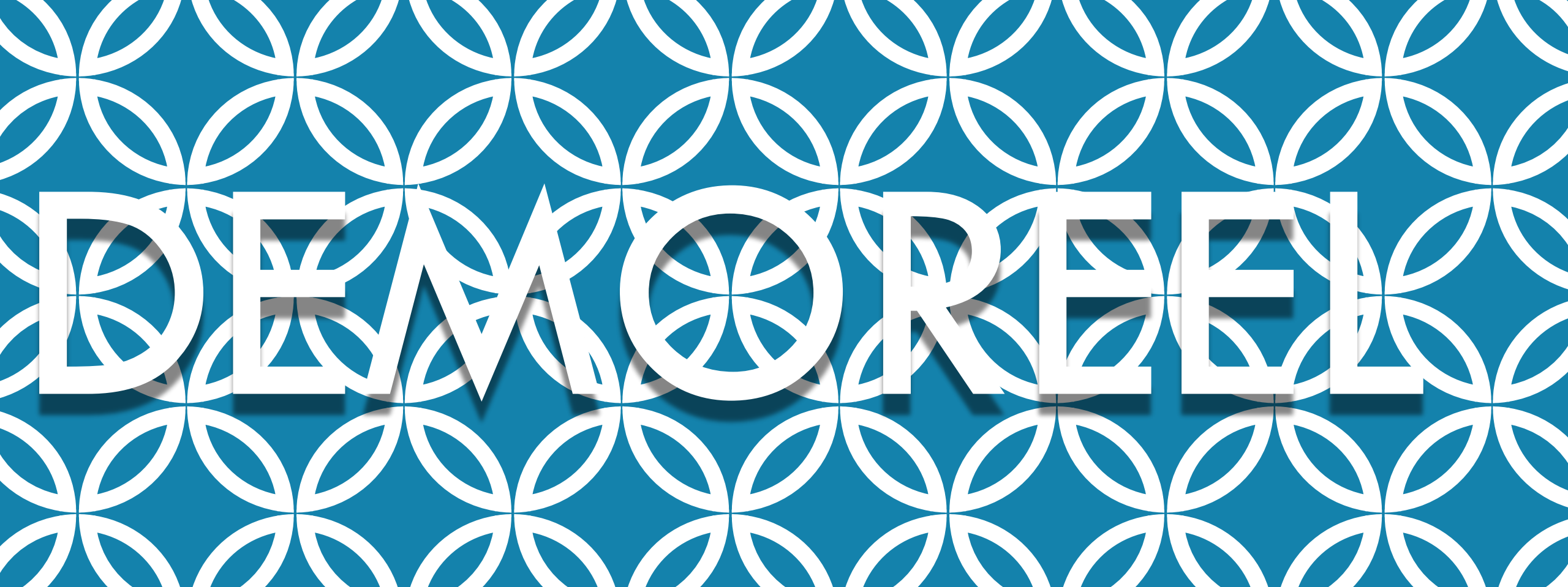


Control Curiosity

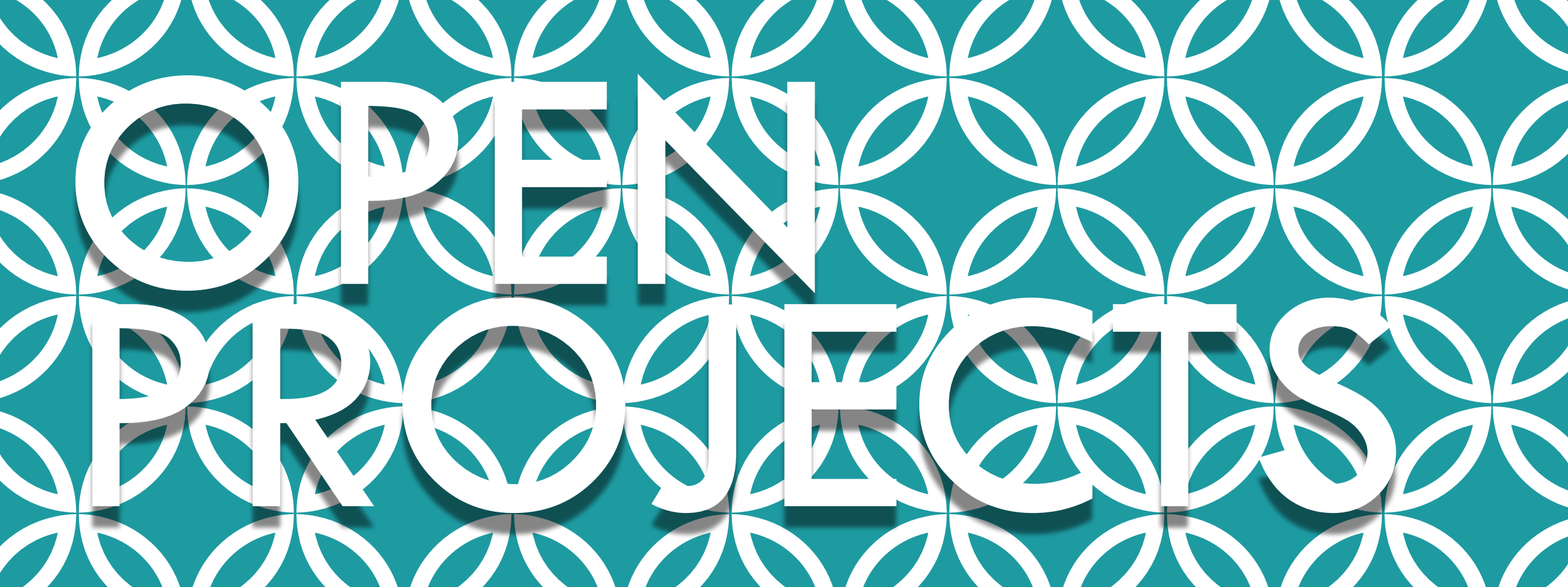
Bring Curiosity to life by moving the parts highlighted in blue. Click and drag the parts to make the rover's robotic arm, antenna and mast move.

A vertical sidebar containing four icons: a circular arrow, a double curved arrow, a rover silhouette, and a location pin.

سافت رابط تعاملی



DEMORREEL 2015



پروژه های آزاد

پروژه های آزاد

elephants dream



ELEPHANTS DREAM (ORANGE)

Project Orange was the Blender Foundation's first open movie. The movie started production in September 2005 and was premiered at the end of March 2006.

پروژه های آزاد



BIG BUCK BUNNY (PEACH)

Project Peach was the Blender Foundation's second open movie. The movie started production in October 2007 and premiered April 2008.



YO FRANKIE! (APRICOT)

It is based on the universe and characters of the free film produced earlier in 2008 by the Blender Institute, Big Buck Bunny. Yo Frankie! runs on any platform that runs Blender and Crystal Space, including Linux, Mac OS X and Microsoft Windows.



SINTEL (DURIAN)

Project Durian was the Blender Institute's third movie. The movie started production in September 2009 and was premiered at the Netherlands Film Festival at the end of September 2010.

پروژه های آزاد

TEARS OF STEEL

TEARS OF STEEL (MANGO)

Project Mango was the Blender Foundation's fourth movie. Production took place from March 2012 to October 2012 in the Blender Institute's studio in Amsterdam. The targets were VFX compositing (green screens) and realistic renders with Cycles.



Caminandes

CAMINANDES: GRAN DILLAMA (2013)

an independently produced series of animated film shorts released by the Blender Foundation and created using Blender The films are inspired by the cartoons of Chuck Jones

پروژه های آزاد

cosmos laundromat

first cycle

COSMOS LAUNDROMAT (GOOSEBERRY)

Project Gooseberry is the pilot project for a feature film, to be realized in episodes made by a number of different studios who can work each in their own style. This 'first cycle' is also intended to be watched as a short film. (2015)

پروژه های آزاد

GLASS HALF



GLASS HALF (2015)

Two amateur art critics meet in a gallery and argue passionately about the pieces they see, until finally they find a piece on which they can agree...

پروژه های آزاد



CAMINANDES 3 (2016)

The third episode of the Caminandes series is about Koro the Llama and a pesky but very cute penguin.

Production started in november 2015

استفاده توسط اشخاص و شرکت ها

- Many 3D models on NASAs 3D resources page are in a native .blend format.
- NASA “Experience Curiosity” web application creat with Blend4Web.
- Spider-Man 2, where it was primarily used to create animatics and pre-visualizations for the storyboard department.
- The French-language film “Friday or Another Day” was the first 35 mm feature film to use Blender for all the special effects
- Blender has been used for shows on the History Channel
- Tomm Moore's “The Secret of Kells”, which was partly produced in Blender by the Belgian studio Digital Graphics
- Plumíferos, a commercial animated feature film created entirely in Blender
- Special effects for episode 6 of “Red Dwarf season X” were confirmed being created using Blender by half of Gecko Animation
- Used for both CGI and compositing for the movie “Hardcore Henry”.

برتری ها

- حجم کم، حجم فایل های نصب شده کمتر از ۳۰۰ مگابایت
- سبک، امکان باز کردن هم زمان چندین فایل در نسخه های جداگانه و اجرا بر روی کامپیوترهای قدیمی و ضعیف
- نسخه پورتابل، قابل نصب بر روی فلش مموری و استفاده بر روی کلیه کامپیوترها، بدون هیچ پیش نیازی
- رایگان، دانلود و آپدیت رایگان برای همیشه حتی برای مصارف تجاری
- سازگاری بالا، قابل نصب بر روی کلیه سیستم عامل ها و کامپیوترهای قدیمی
- یادگیری راحت و محیط کار سریع، میانبرهای صفحه کلید و در دسترس بودن ابزارها با قابلیت جستجوی ابزار
- یکپارچه بودن تمامی ابزارهای مورد نیاز
- سفارشی سازی بالای محیط کار
- برهمکنش با ابزارهای دیگر



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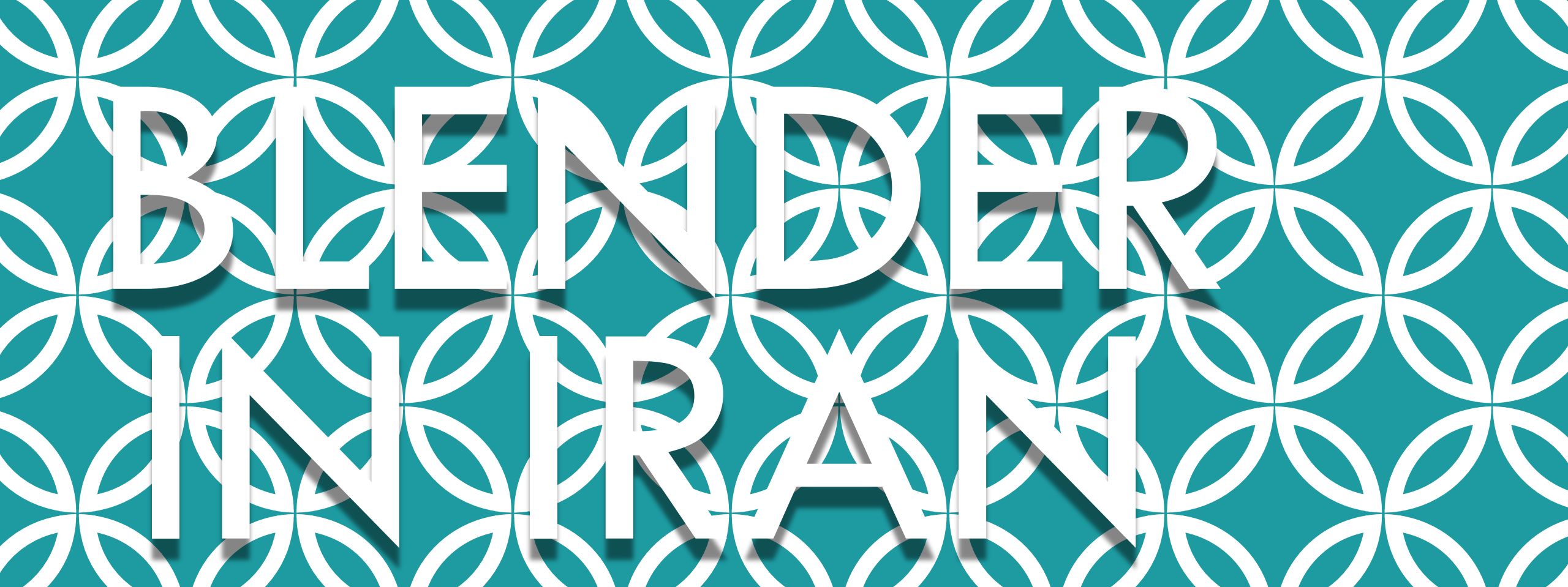
born 20 March 1960
original creator of the Blender
the chairman of the Blender
Foundation



blenderfoundation

www.blender.org

BLENDER FOUNDATION



بلندر در ایران



پتانسیل‌ها



DEMORREEL 2016



