Digital Design Meets Personal Fabrication

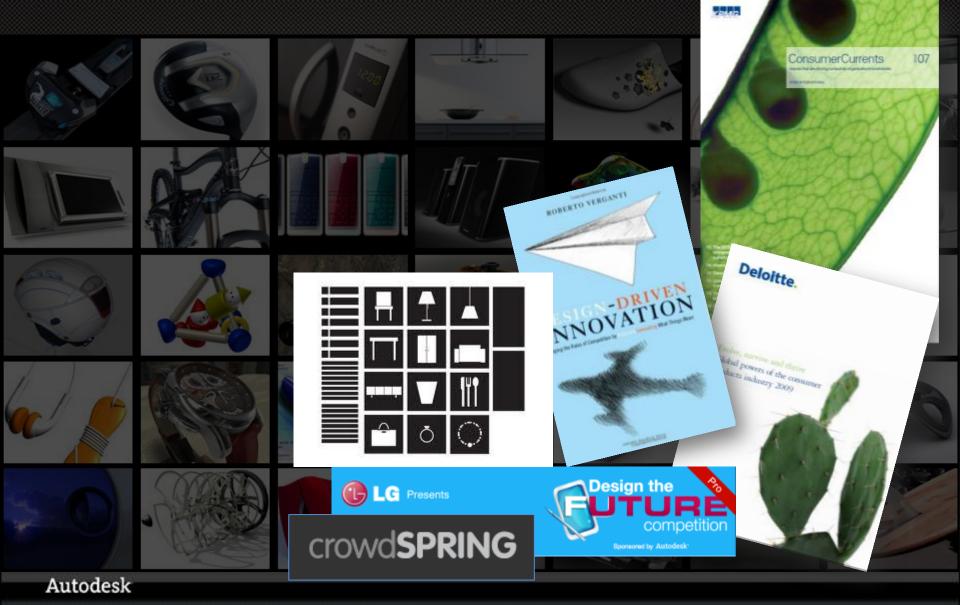
Chris Romes
Autodesk Consumer Group
Fab 7
August 18, 2011

Autodesk®



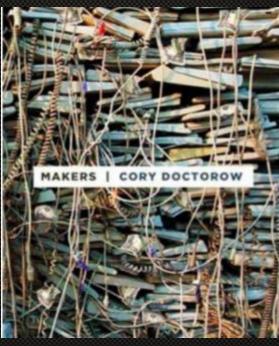
Unlocking the Creativity in Everyone

Personalization of Design



Your factory next door





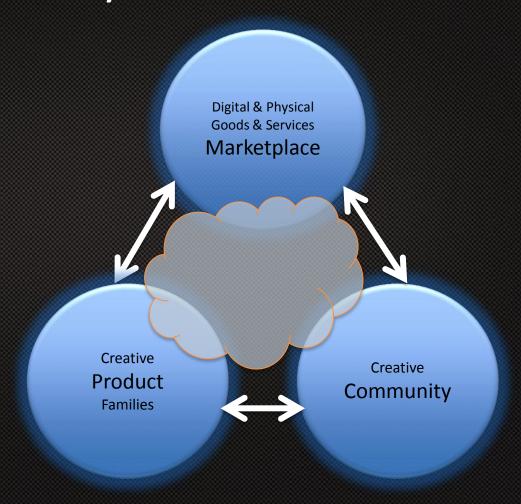


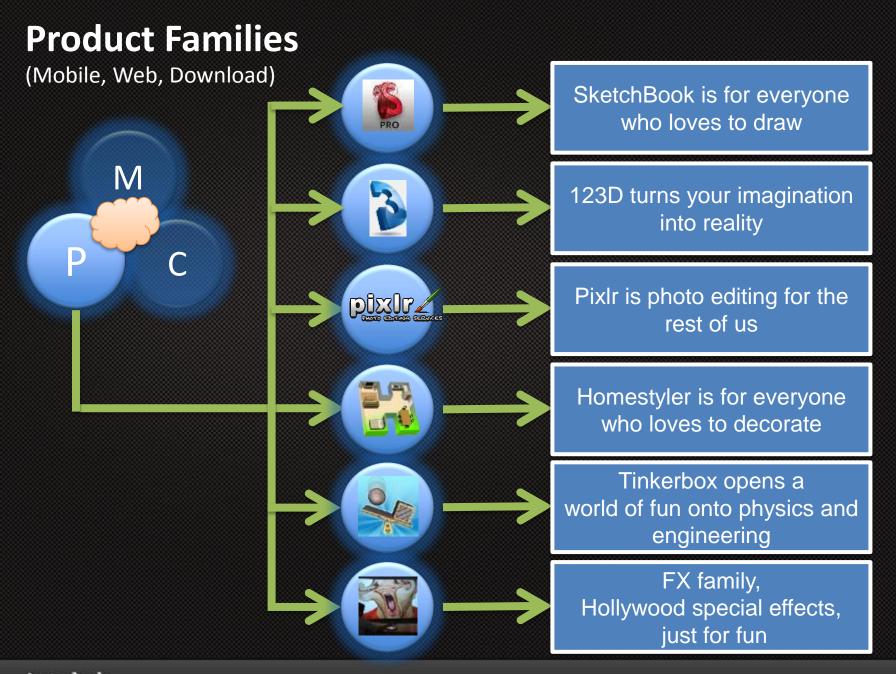
Maker Faire

Meet the Makers

Fab Labs

Creative Ecosystem





SketchBook – A Creative Product Line

SketchBook Mobile

- Everyone can draw on their mobile phone
- Capture ideas (napkin sketch) or produce artwork on-the-go anywhere, anytime

SketchBook Pro for iPad

- Everyone can draw on their iPad
- Turn your iPad into a completely outfitted creative studio to explore ideas & produce artwork

SketchBook Pro for Mac & Windows

- Everyone can drawing & creative image exploration
- If you love to draw or producing imagery, SketchBook desktop is intuitive, fun, and let's anyone 'sketch'.

SketchBook Designer

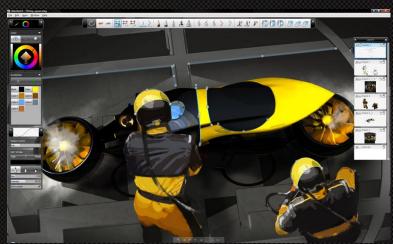
- Everyone can Illustration & explore Graphic Design
- Combining the freedom of SketchBook drawing with the power of vector layers. Anyone can explore visual concepts, create graphic designs, and produce illustration artwork

Pixlr

- Everyone's Image Editor
- All the stuff people really need from 'Photoshop'

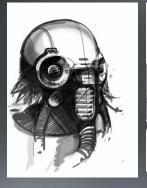




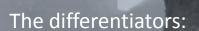




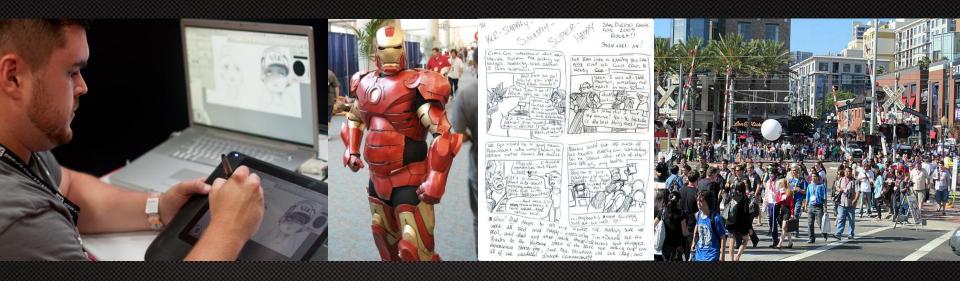
Amazing image quality is a standard across mobile to desktop.

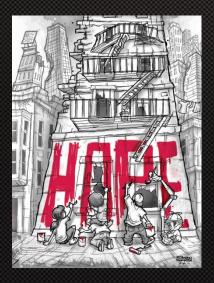






- Form Factor
- Device Capacity
- Targeted Workflows
- Data pipelines









http://www.youtube.com/watch?v=WoHD3ReXpI4&feature=related

Pixlr: Accessible image editing for everyone



* pixtro matic *

Turn your photos into retro snaps in three simple steps with pixtr-o-matic!



House Beautiful Kitchen of the Year TYLER FLORENCE



WITH Tastes of Summer ROCKEFELLER CENTER* | JULY 18-22



DESIGN YOUR OWN KITCHEN OF THE YEAR AT HOUSEBEAUTIFUL.COM, POWERED BY HOMESTYLER*



Tinkerbox Level 4 "the machine" Closing in on 1M downloads

Great app! ★★★★

by B821111 - Version 1.3 - Jul 22, 2011

Awesome game! I can see the wheels turning in my sons head as he works the puzzles and discovers new things.



123D

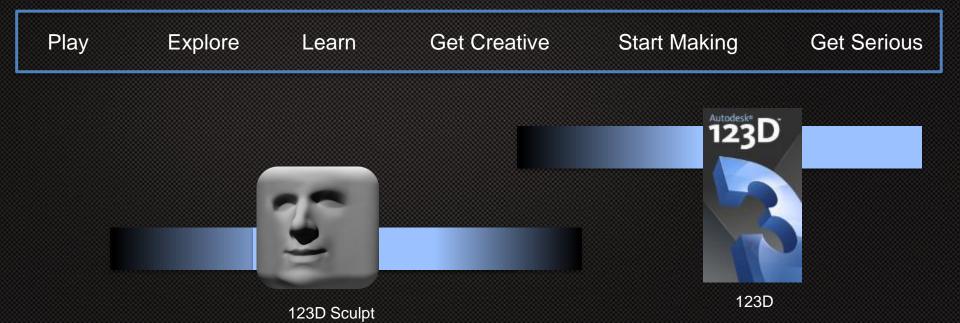
Broad portfolio of accessible 3D apps for creative consumers and digital makers from kids to adults to explore, capture and realize ideas.



123D – Goals

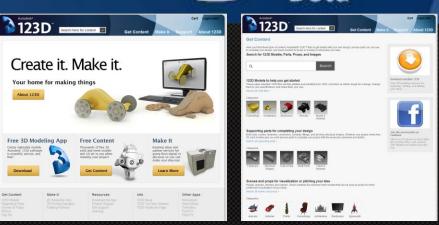
- Teach people to understand and enjoy 3D
- Be creative in 3D on all devices
- Content is key to unleash creativity
- Compelling, game-like learning experience
- Reward by empowering physical creation

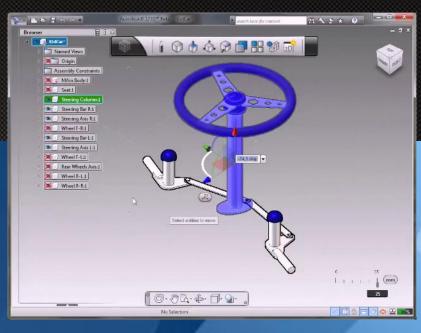
123D Family of Products



What is 123D?

Autodesk® 1235 D Beta







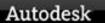


123D

- 61,960 total downloads
- 24,538 quarterly unique users
- 1:03:16 average time in app
- ~ Monthly releases based on customer feedback
 - User delight/Usability
 - New workflows and features
 - Maker workflows
 - Cloud and content

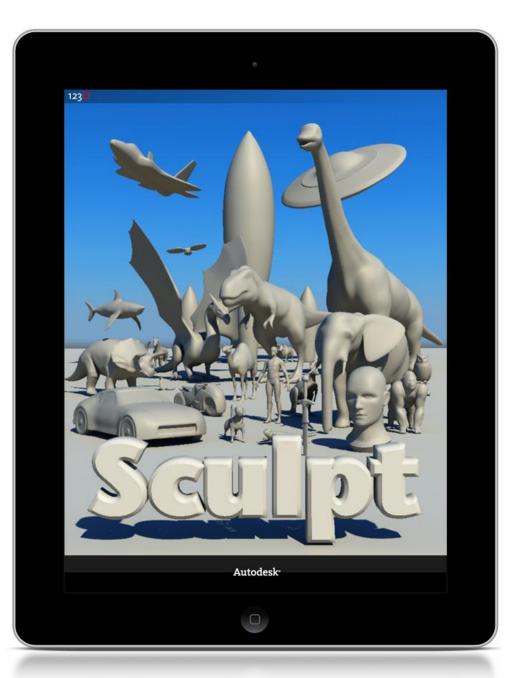




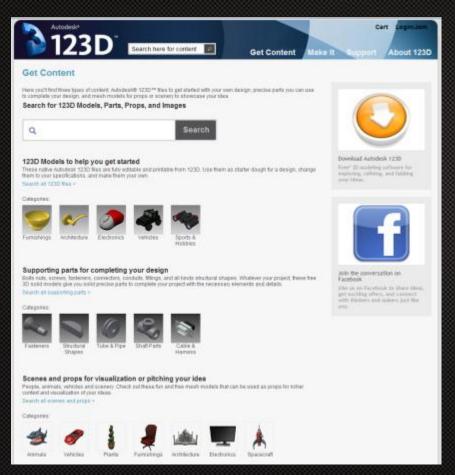


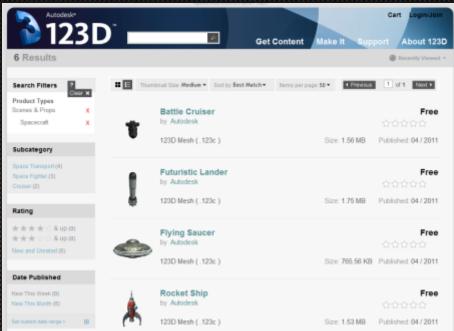


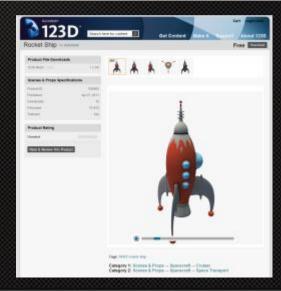




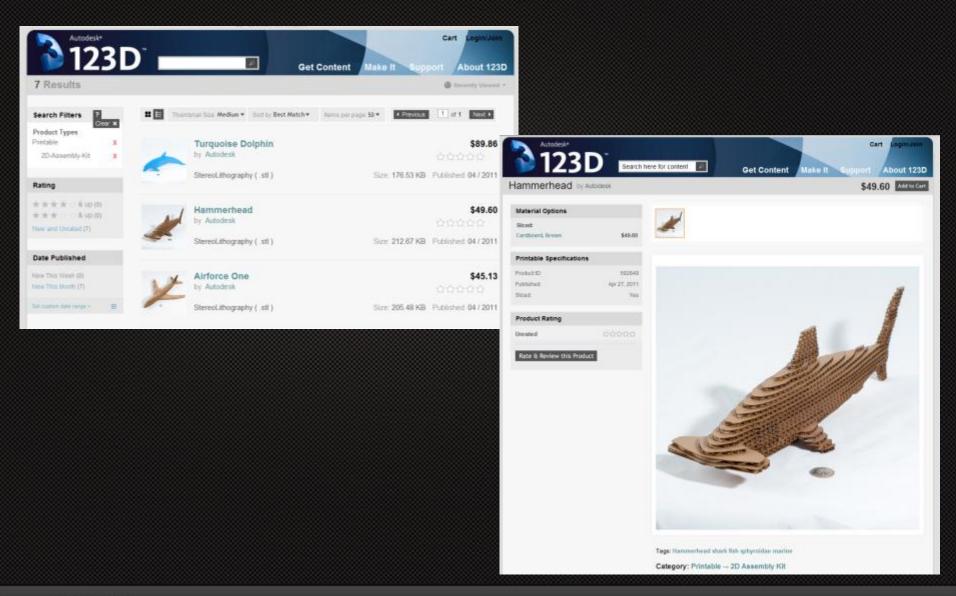
Get Content



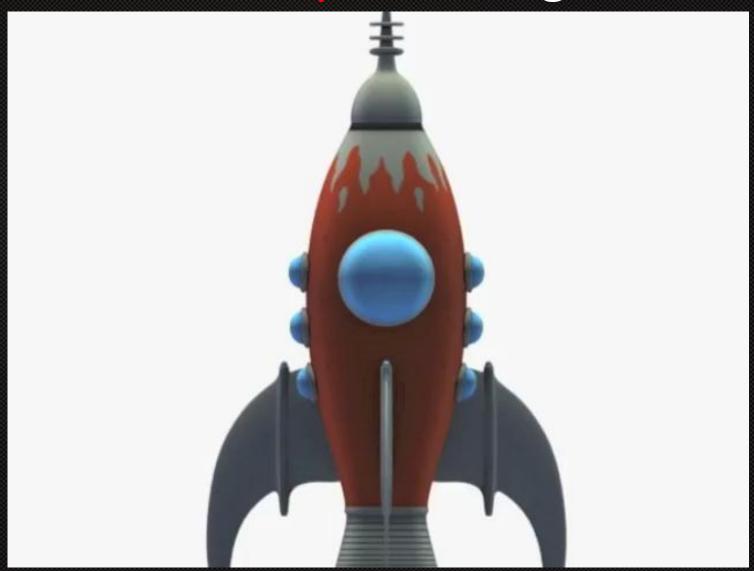




Make it



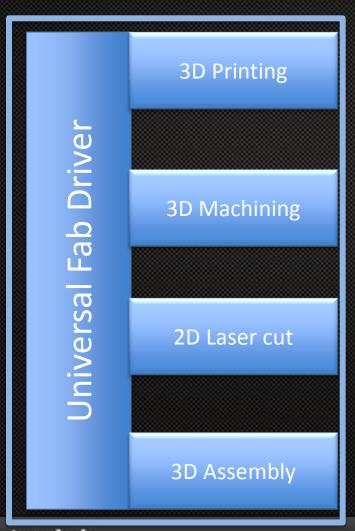
Example: Slicing



Connecting digital to physical



Universal Fab Driver



Consumer Printer Pro Printer



Consumer 3-5A CNC



3 sizes < \$1K

Pro NC







Consumer Laser

Pro cutting

3 sizes < \$10K

Consumer Assemble

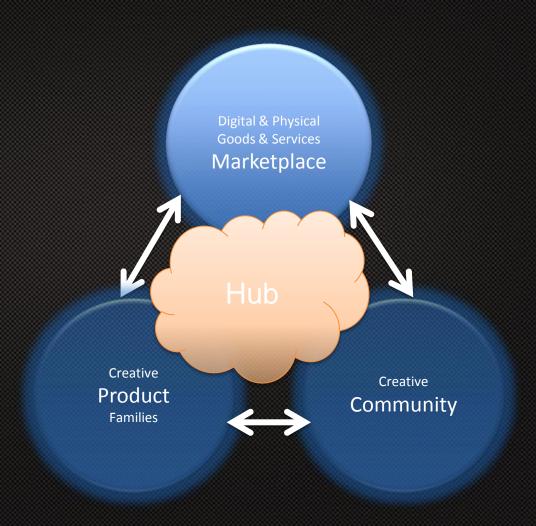




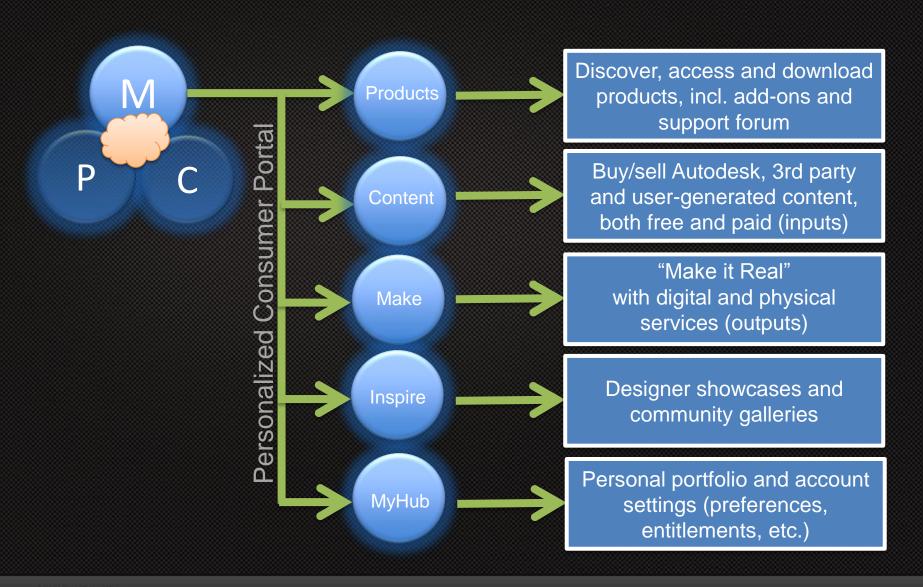
3 sizes < \$1K

Pro Printer

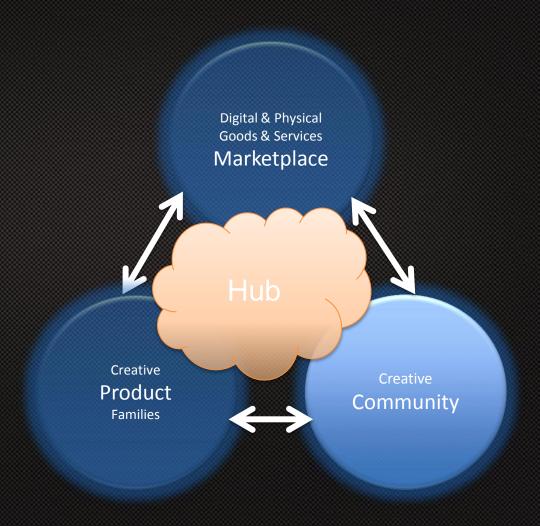
Consumer Ecosystem



Marketplace



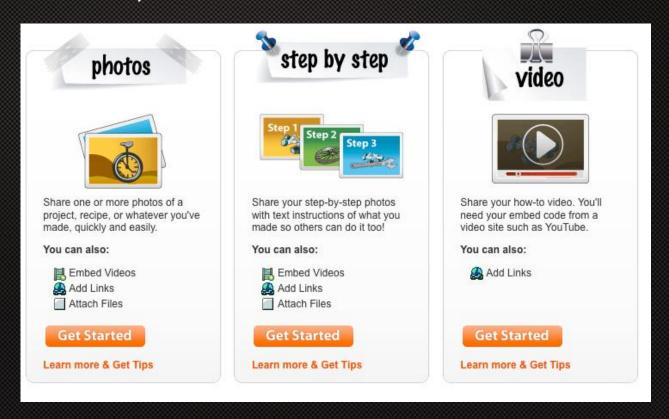
Consumer Ecosystem



Instructables

Instructables is one of the most popular communities on the Internet. It is a Learning Lifestyle community that provides educational, inspirational, and entertaining content

- Enables passionate, creative people to share their most innovative projects, recipes and ideas with highly engaged audience
- Expert driven content: 20k published authors



Diversity Across Categories and Channels



PSP • Music • Puzzles • Wii Magic Tricks • Rockets • Xbox Instruments • Pranks & Humor Card Games • K'NEX • Lego

Living

Craft • Sewing • Holiday
Decorating • Fashion • Art
Kids • Jewelry • Gardening
Green • Kitchen • Pets

Outdoors

Skateboarding
Bicycles • Boats • Kites
Knots • Snow • Survival
Water • Camping



Cars • Energy • Furniture
Woodworking • Solar • Repair
Motorcycles • Compost • Tools
Home Renovation • Lighting

Technology

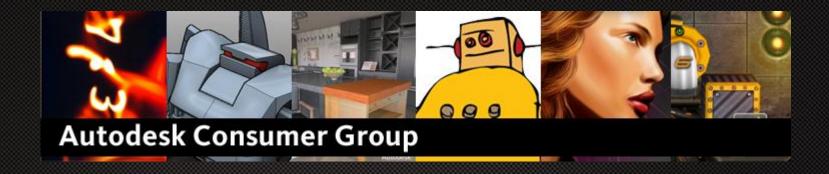
Arduino • CNC • Electronics
Lasers • LEDs • Science • USB
Software • Audio • Computers
Reuse • Robots • Cell Phones



Food

Bread • Cocktails • Canning
Beverages • Soups • Dessert
Pizza • Snacks • Vegetarian

Pasta • Salad • BBQ



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