

bitwrk.net



A Bitcoin-friendly, anonymous marketplace for computing power.

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Do you use 3D rendering software?

Maya, 3DS MAX...

Blender?

- ▶ Free & Open (GPL)
- ▶ Incredibly powerful!





Do you suffer from long
rendering times?

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What if? ...

Massive compute power was available?

...on demand??

...as a peer-to-peer service???

But wait, there's

The Cloud™ (Amazon EC2)

- ▶ ... but it's too low-level to be **easy** to deploy

Volunteer computing (BOINC, SETI@home)

- ▶ ... but you can't get **your** problem solved with it

Commercial render farms

- ▶ ... but they're **expensive** and often subscription based

Enter: BitWrk



A Bitcoin-friendly, anonymous marketplace for computing power

BitWrk is **easy** to use:


- ▶ No need to manage servers

BitWrk solves **your** problem:

- ▶ Because you offer payment (in Bitcoin!)

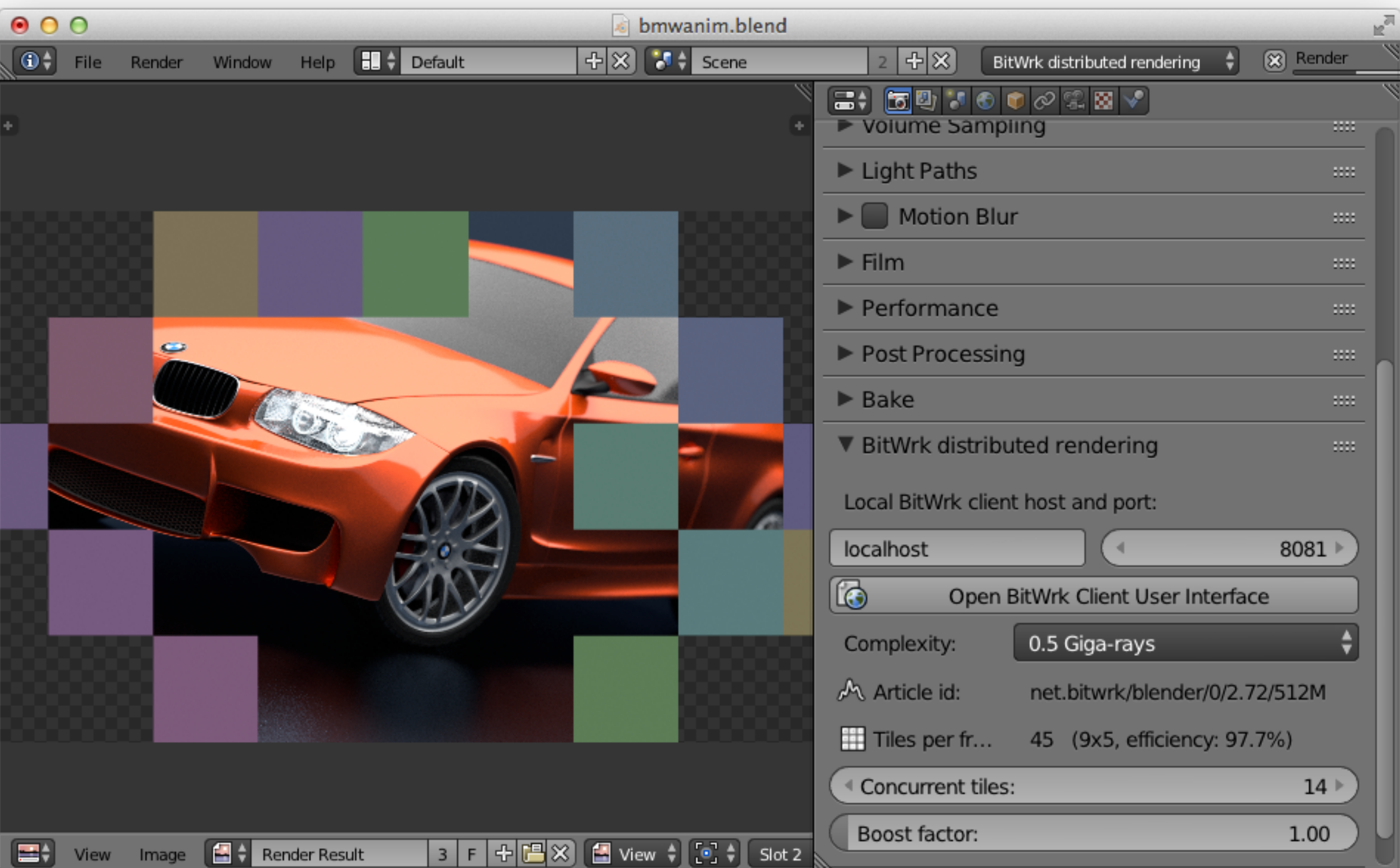
BitWrk is **cheap**:

- ▶ Only pay for what you use

A silver laptop is open and resting on a dark, textured surface, possibly asphalt or cobblestones. The laptop screen displays the text "WILL WORK for BTC" in a white, pixelated font. The word "WILL" is on the first line, "WORK" is on the second line and underlined, and "for BTC" is on the third line. The laptop's keyboard and trackpad are visible.

WILL
WORK
for BTC

Participants
can **sell**
compute
power



Home - BitWrk Client

localhost:8081

bitXrk

Welcome to BitWrk! Your account ID is:
1MwTNetPz7U5Xh3h1G7LVFANv3GFq6JR
You are connected to: http://bitwrk.appspot.com/

+Blocked uBTC 874.32
mBTC 38.67633

Home Account

Activities

BUY net.bitwrk/blender/0/2.72/2G uBTC 340

BUY net.bitwrk/blender/0/2.72/2G uBTC 340

BUY net.bitwrk/blender/0/2.72/2G uBTC 340

BUY net.bitwrk/blender/0/2.72/2G uBTC 26
» Bid » Tx
TRANSMITTING

BUY net.bitwrk/blender/0/2.72/2G uBTC 26
» Bid » Tx
TRANSMITTING

BUY net.bitwrk/blender/0/2.72/2G uBTC 340
» Bid
PLACED

BUY net.bitwrk/blender/0/2.72/2G uBTC 26
» Bid » Tx
TRANSMITTING

BUY net.bitwrk/blender/0/2.72/2G uBTC 340
» Bid » Tx
TRANSMITTING

BUY net.bitwrk/blender/0/2.72/2G uBTC 100

Workers

blender-62383 Work dispatched Stop
net.bitwrk/blender/0/2.72/2G

Mandates

SELL uBTC 100 Revoke
net.bitwrk/blender/0/2.72/2G
Trades left: 99



An Open Marketplace for Computing Power

Buy

Accelerate your work by harnessing the computing power of the crowd, when you need it.

Sell

Monetize your hardware by providing computing power to the crowd in times of low workload.

Trade

Pay and get paid in Bitcoin, the independent, decentralized Internet currency.

[Download BitWrk for Win/Mac/Linux](#)



SUCH GPL

VERY BITCOIN

SO FUTURE

WOW

MUCH P2P

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OpenLab Assembly

What next?

Version 0.5

More rendering software

Beta test phase

Applications beyond 3D
rendering

Open questions

Reliability

Privacy

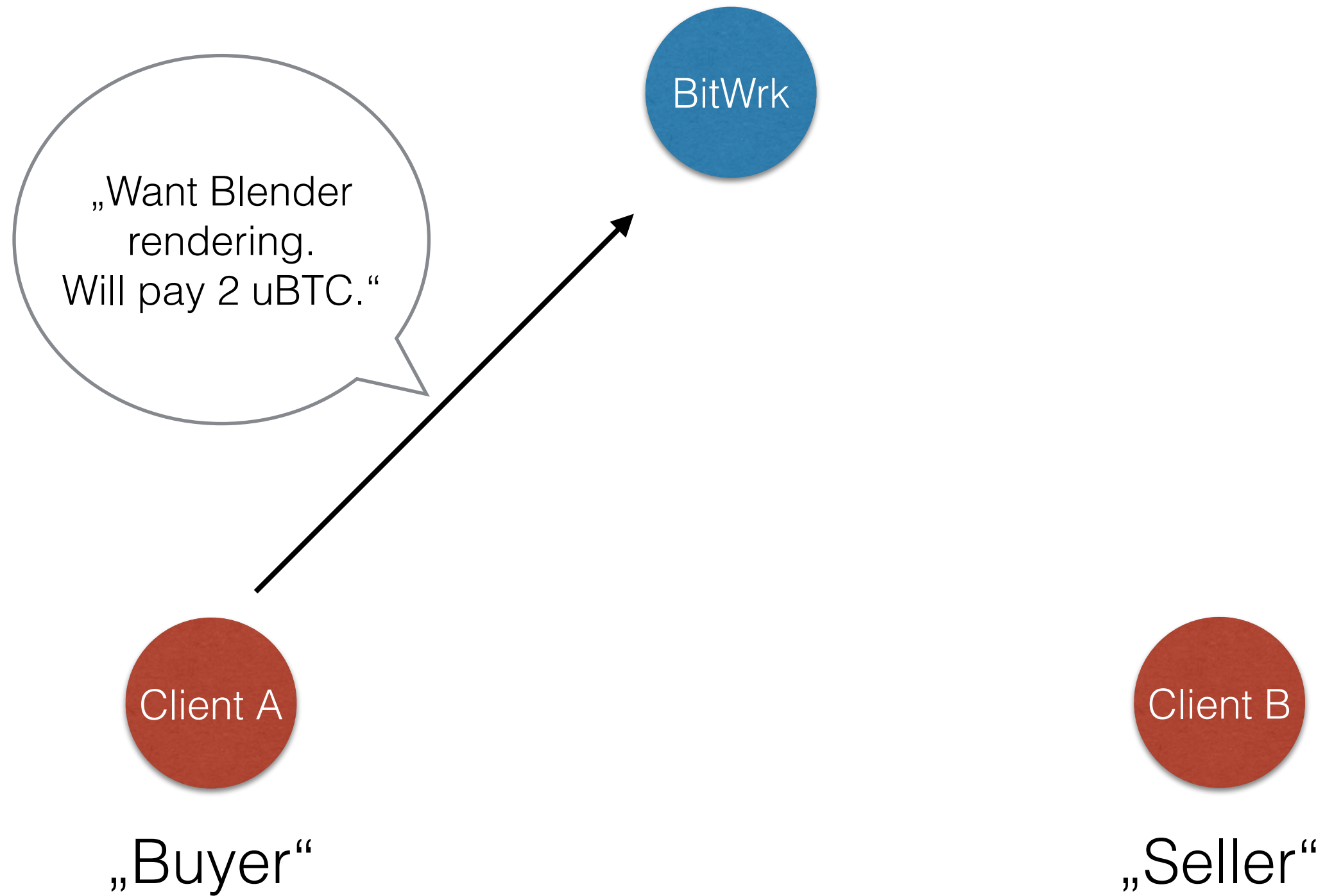
Bitcoin

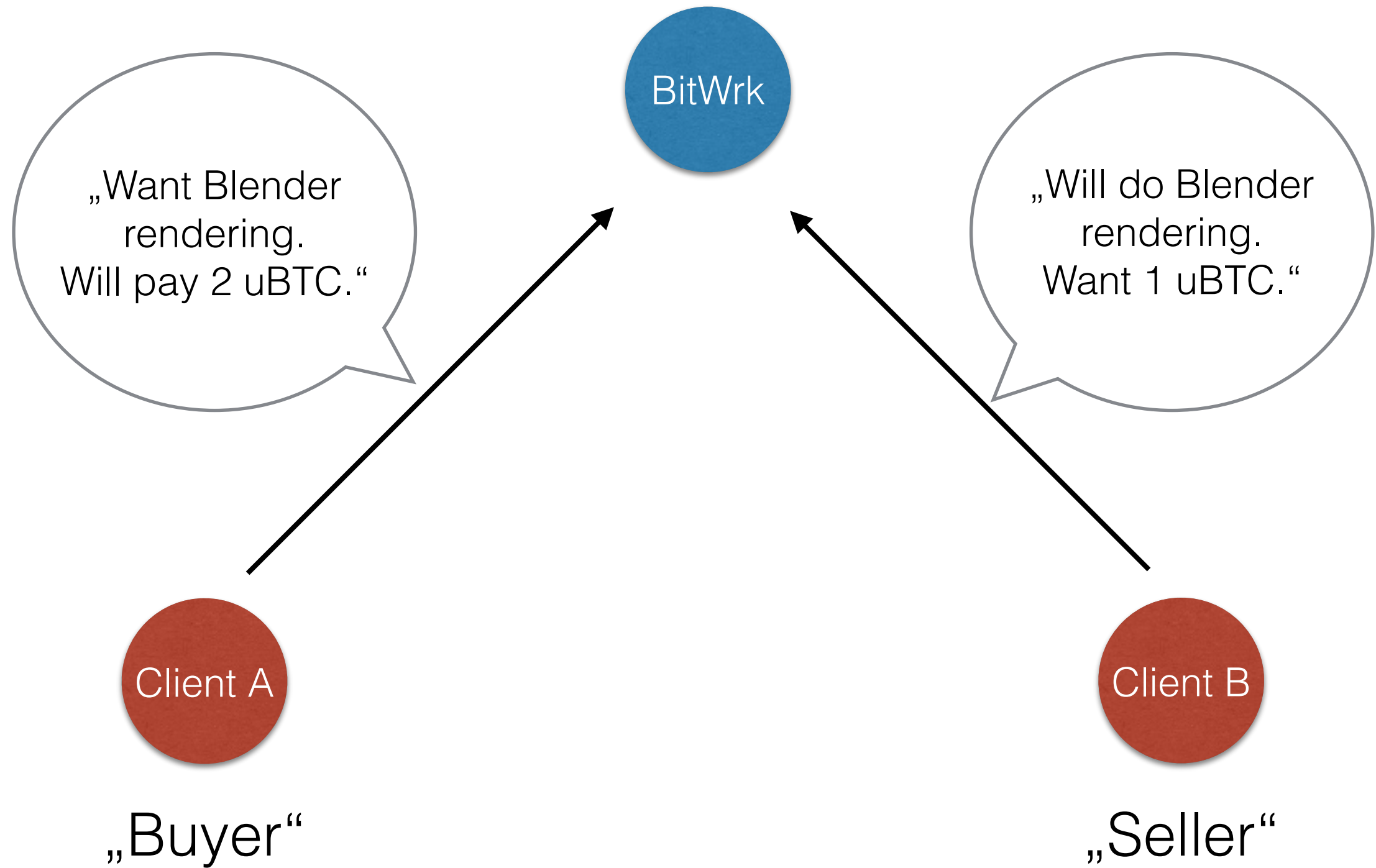


„Buyer“



„Seller“





„Ok, guys! You have a deal.
The price is 2 uBTC.
Here's the contact information.“

BitWrk

„Want Blender
rendering.
Will pay 2 uBTC.“

„Will do Blender
rendering.
Want 1 uBTC.“

Client A

Client B

„Buyer“

„Seller“

