

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!



A fluffy, brown and black cat is lying on its back on a concrete surface, looking relaxed. The cat's fur is a mix of dark brown, black, and light brown. It is positioned in the center of the frame, with its body angled towards the top right. The background is a light-colored concrete surface with some fallen leaves and a shadow of the cat's body cast onto it.

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:

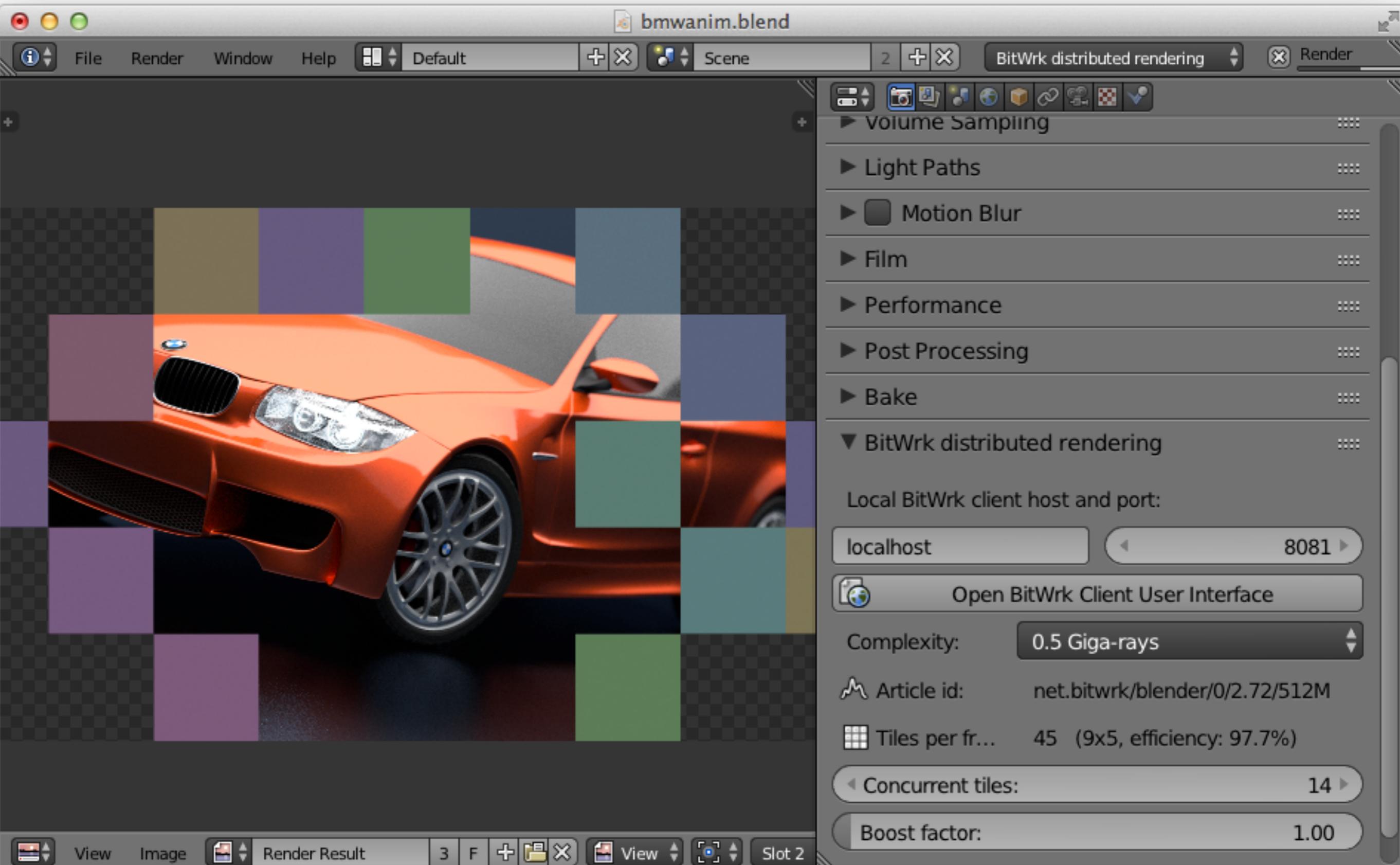
- ▶ Because you offer payment (in Bitcoin!)

BitWrk is **cheap**:

- ▶ Only pay for what you use

Participants  
can **sell**  
compute  
power





Home - BitWrk Client

localhost:8081

Welcome to BitWrk! Your account ID is:  
1MwvTNehPz7U6XYn3h1G7LVPAN3GFq6JR  
You are connected to: http://bitwrk.appspot.com/

+Blocked uBTC 874.32  
mBTC 38.67633

bitwrk

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](#)

A close-up photograph of a dog's face, likely a Shiba Inu, looking slightly to the left. The dog has a light brown or tan coat. Overlaid on the image are several lines of text in a bold, white, sans-serif font with a black outline. The text is arranged in a grid-like pattern.

**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

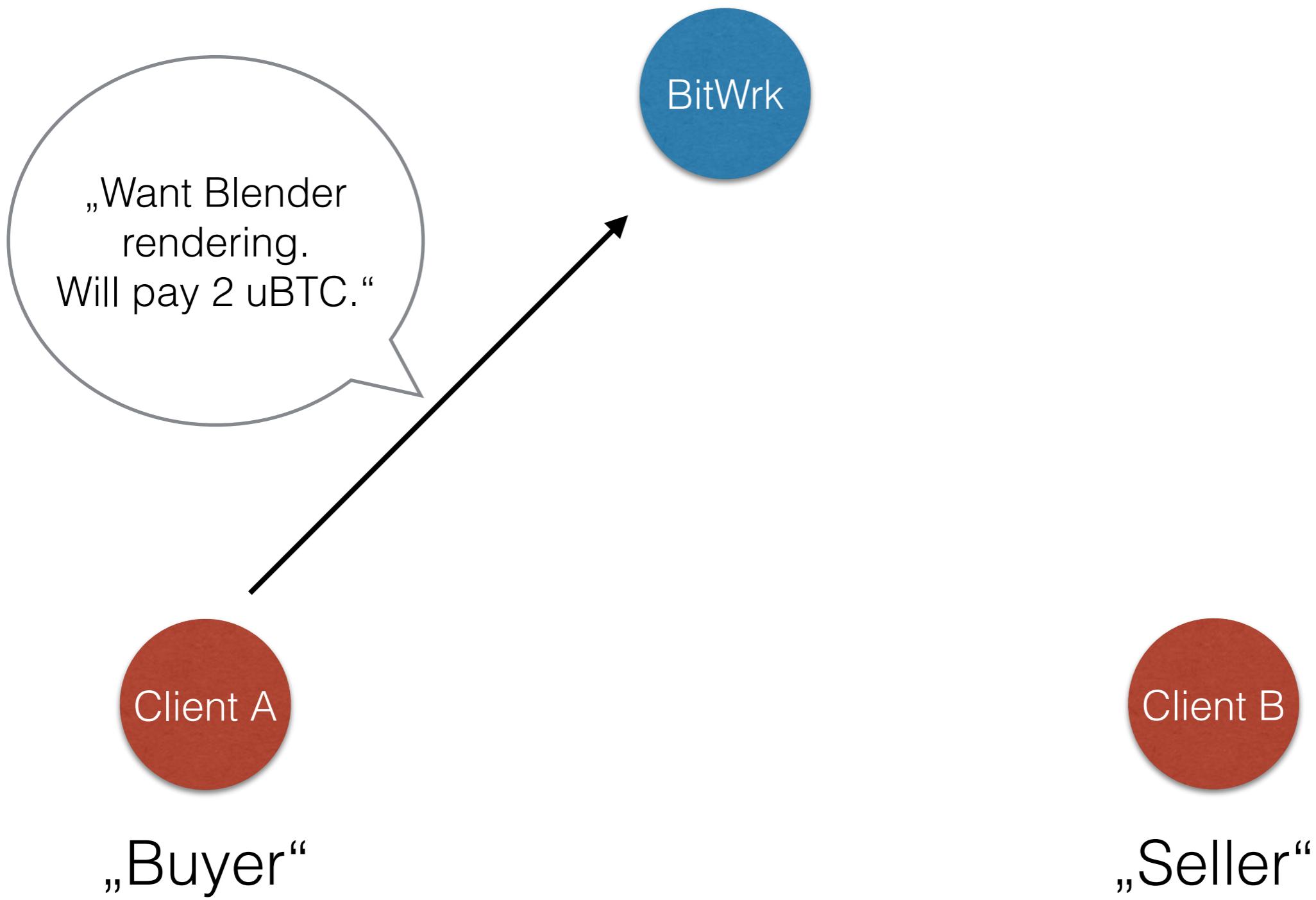
Bitcoin

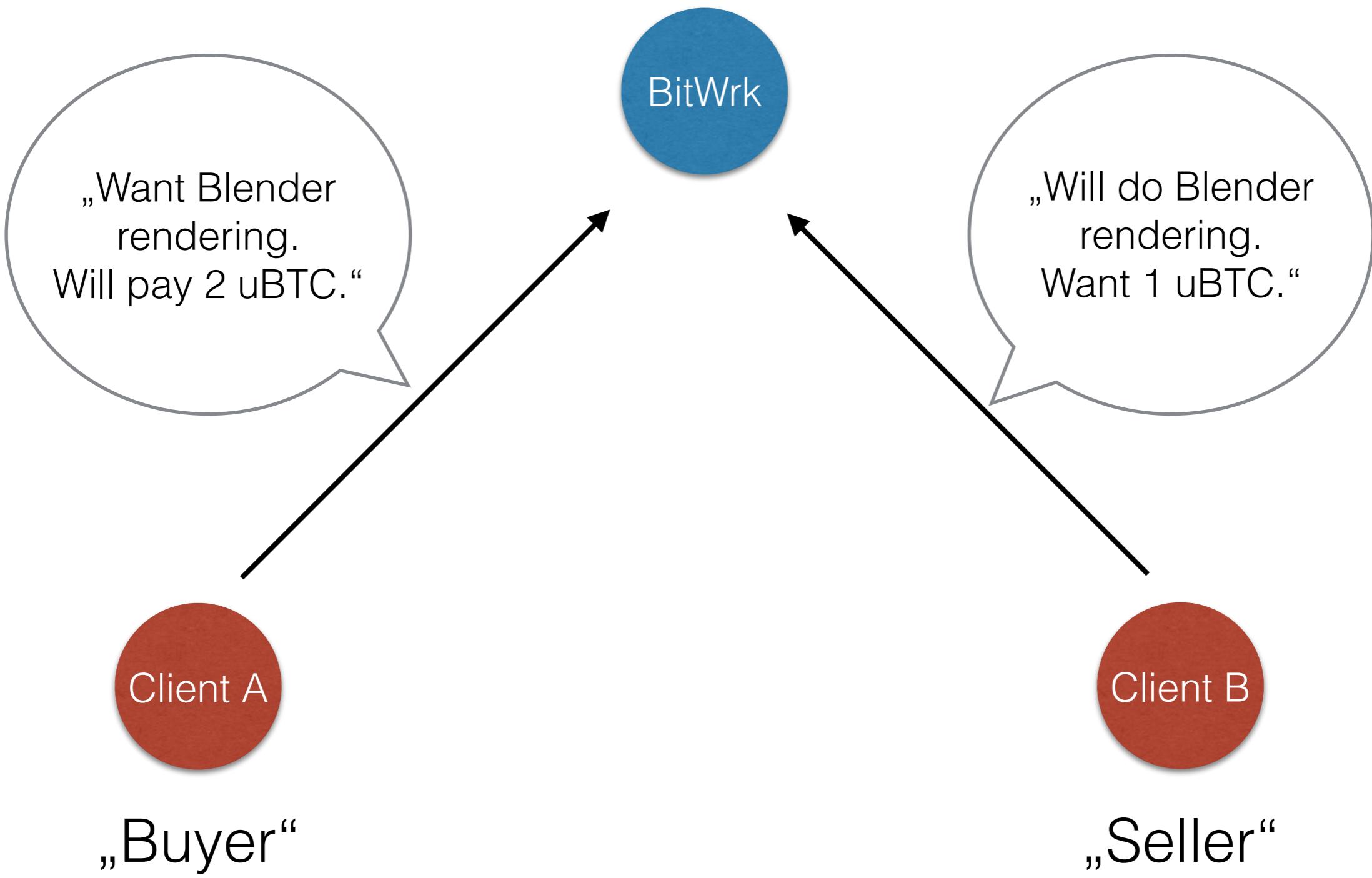


„Buyer“

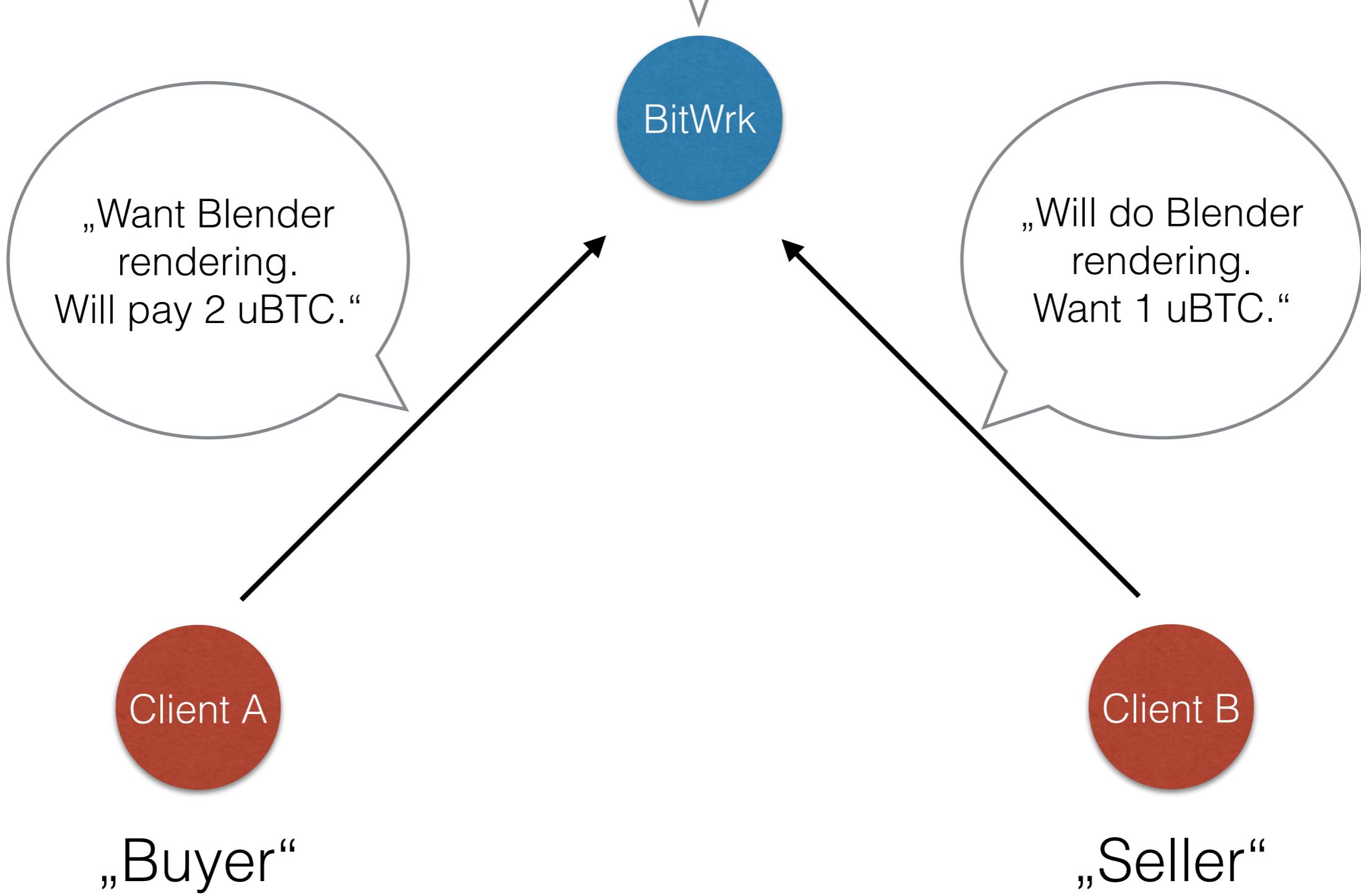


„Seller“

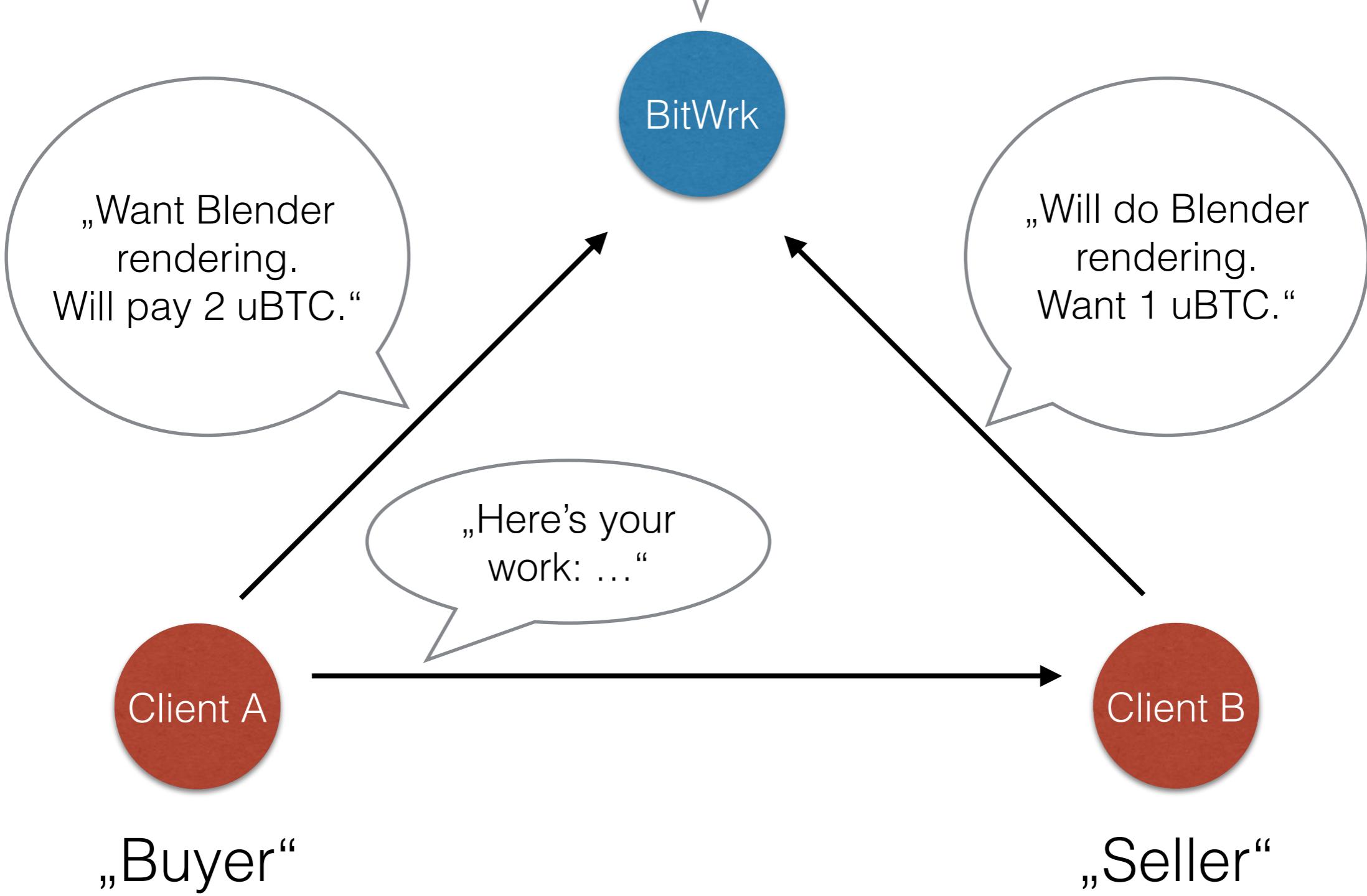




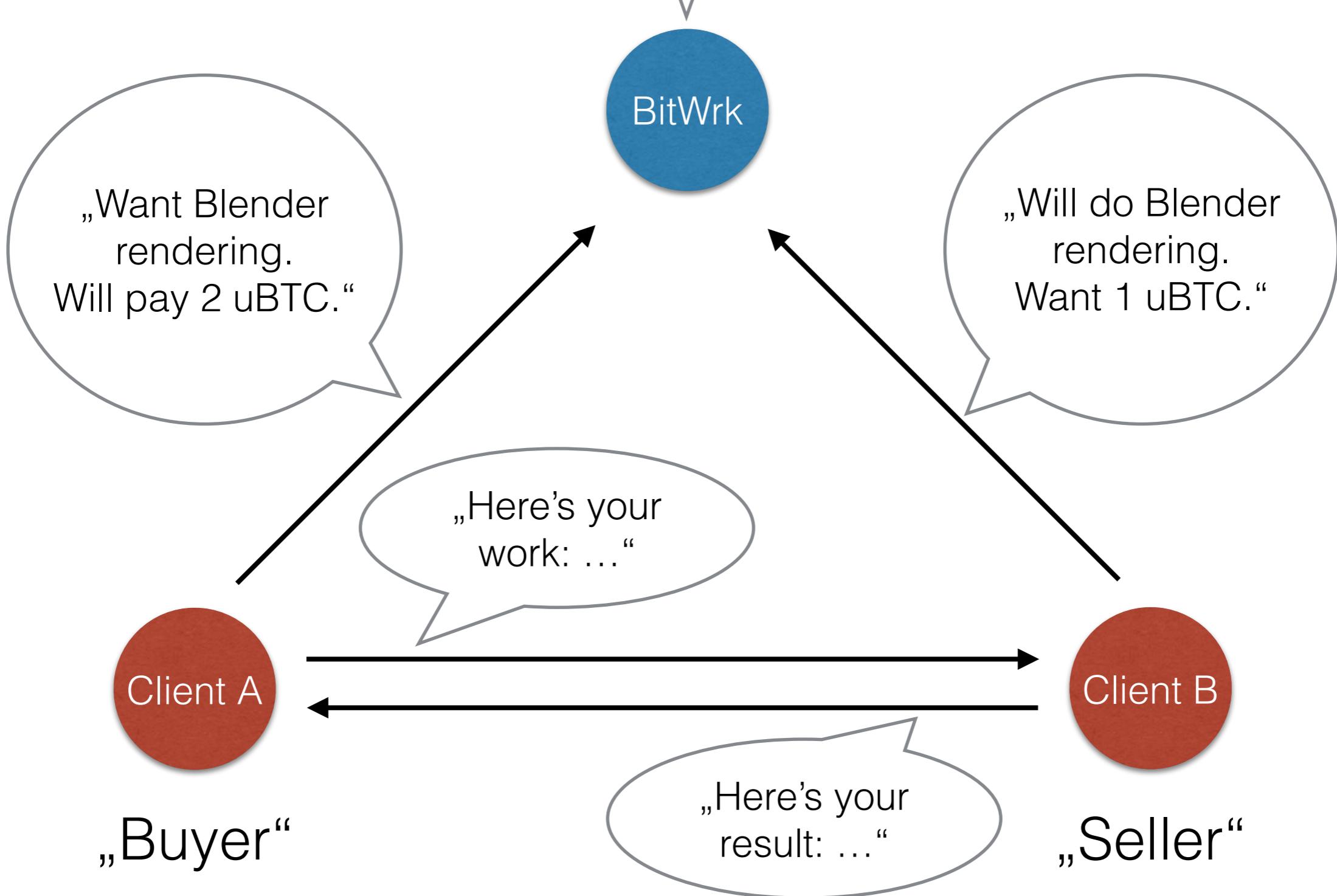
„Ok, guys! You have a deal.  
The price is 2 uBTC.  
Here's the contact information.“



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



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