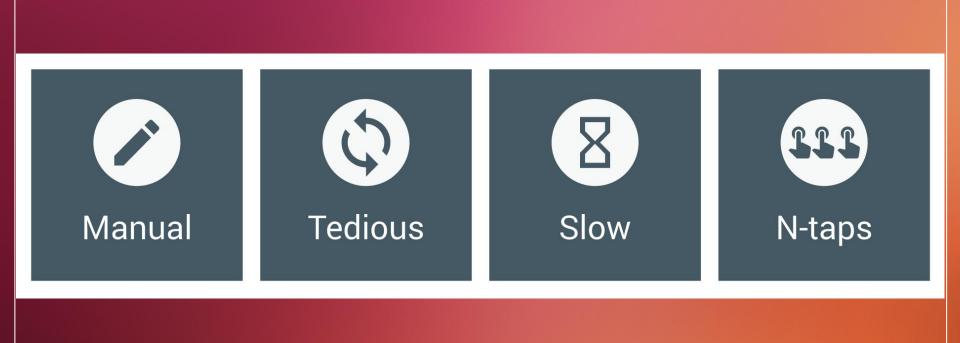
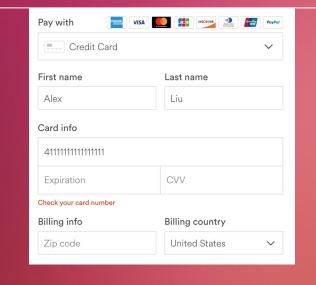
# Streamlining Online Checkout Using Web Standards

Why are checkouts not easy nor fast?





First name	Last name
Alex	Liu
Card info	
4111111111111111	
Expiration	CVV
Check your card number	
Street address	Apt #
City	State
Zip code	Billing country

Pay with	VISA Process Process	
Credit Card		
First name	Last name	
Alex	Liu	
Card info		
411111111111111		
Expiration	CVV	
Check your card number		
CPF	Mobile phone number	
	()	
Birthdate		
1	1980 🗸	
CEP	Street name	
Building number	Complement	
City	State	
	~	
Billing country		
Brazil	~	
Installments		
1 🗸		

# Why not easy nor fast?

#### Support different:

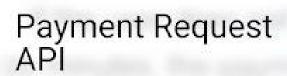
- networks
- payment methods
- billing address formats
- shipping address formats

#### **Agenda**

- 1. What?
- 2. Why?
- 3. Demo
- 4. Technical Details

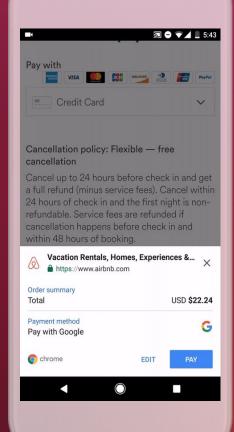
## Payment Request API

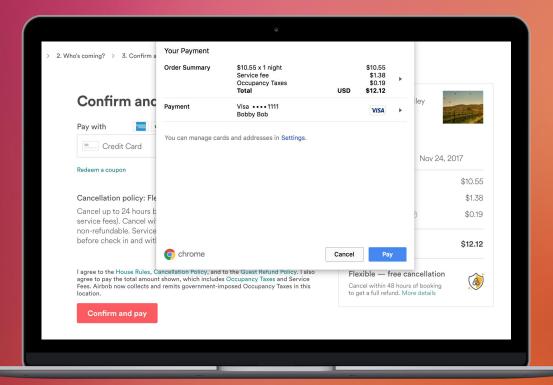












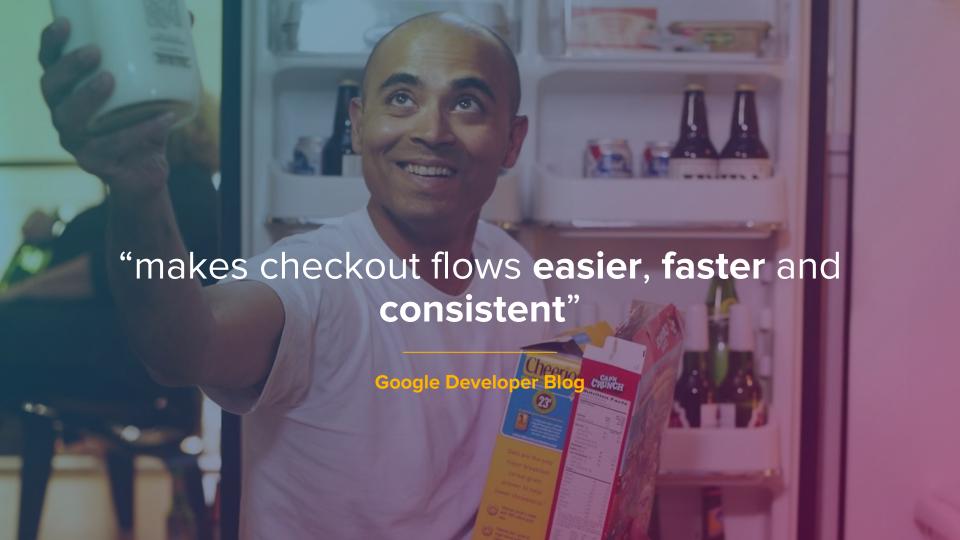
### Why Payment Request API?

#### **Airbnb Payments**

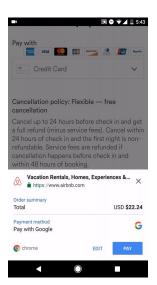
- An escrow service
- Moving billions of dollars per year
- 25 integrations, 191 countries, 75 currencies
- Ecosystems of all maturity levels

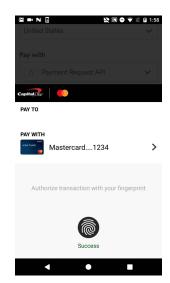
# Why Payment Request API?

- Mobile is 21% of e-commerce payments
- 66% of mobile purchases made on web rather than native apps
- At airbnb, conversion rate on mobile much lower than desktop



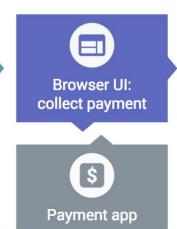
#### 1. Easier







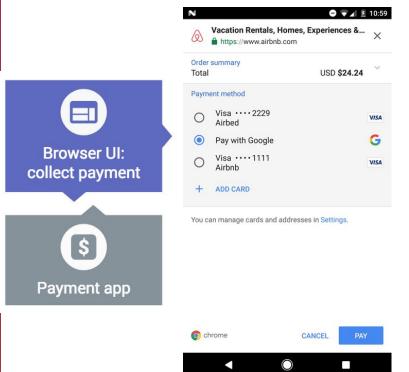


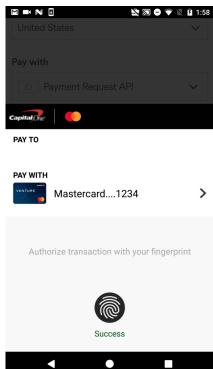




1. Easier

#### 2. Faster

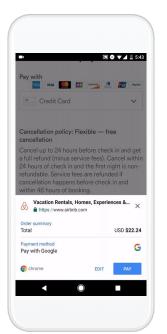


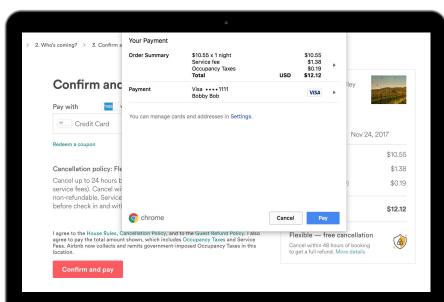


1. Easier

2. Faster

3. Consistent





# Payment Request at Airbnb

- Users can use their existing wallets
- Preferred payment methods
- Avoid custom billing form presentation
- Common infrastructure: CVV, billing address, shipping address



#### Demo



#### Confirm and pay

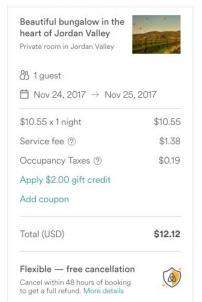


#### Cancellation policy: Flexible — free cancellation

Cancel up to 24 hours before check in and get a full refund (minus service fees). Cancel within 24 hours of check in and the first night is non-refundable. Service fees are refunded if cancellation happens before check in and within 48 hours of booking.

I agree to the House Rules, Cancellation Policy, and to the Guest Refund Policy. I also agree to pay the total amount shown, which includes Occupancy Taxes and Service Fees. Airbnb now collects and remits government-imposed Occupancy Taxes in this location.

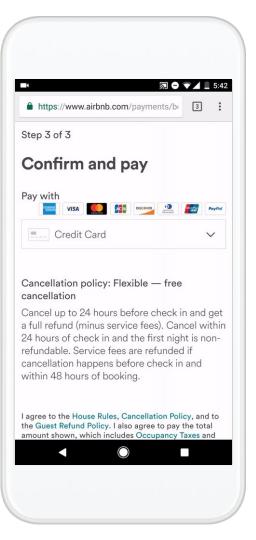
Confirm and pay

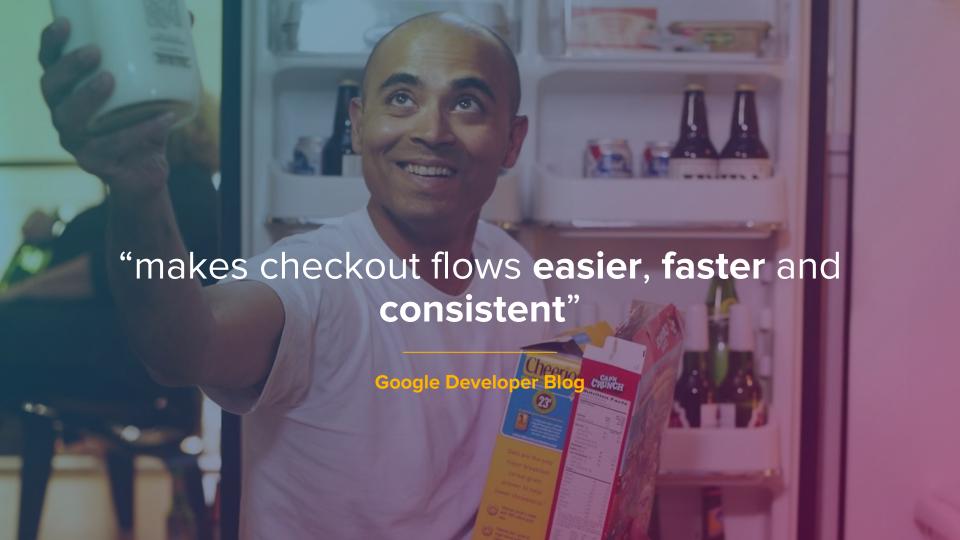


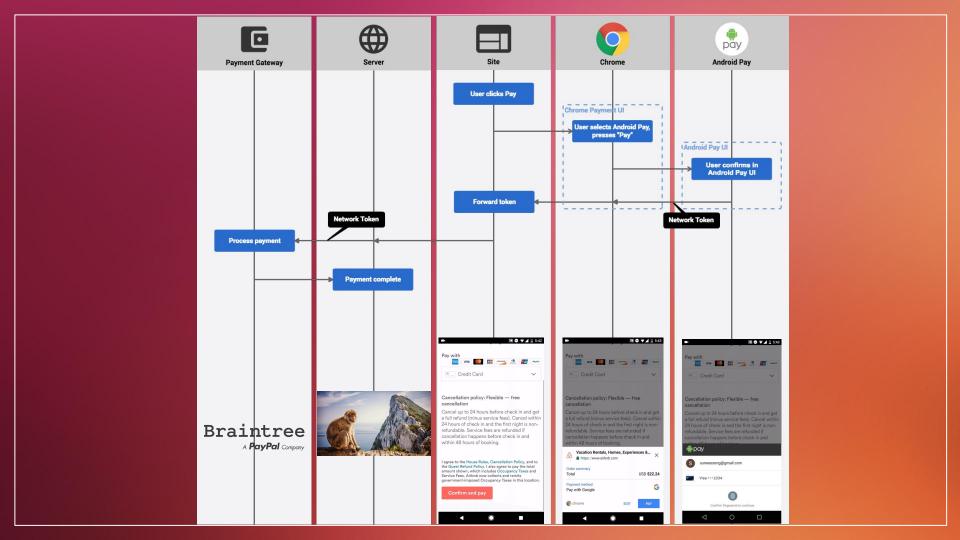
Airbnb, Inc.

English V USD V

#### Demo







**PaymentRequest** 

new PaymentRequest(
 methodData,
 details,
 options
).show();

methodData

new PaymentRequest(
 methodData,
 details,
 options
).show();

methodData .methods

```
const methods = [
  'basic-card',
  'https://android.com/pay',
  'https://apple.com/apple-pay',
];
```

methodData .networks

```
const networks = [
 'mastercard',
 'visa',
 'discover',
 'amex'
];
```

methodData .types

```
const types = [
  'credit',
  'debit',
];
```

#### methodData

```
const methodData = [
  supportedMethods: methods,
  data: {
   supportedNetworks: networks,
   supportedTypes: types,
```

details

```
new PaymentRequest(
  methodData,
  details,
  options
).show();
```

#### details

```
const details = {
 id: "HM2AJDX29P1",
 displayItems: [{
  label: "1 x $55 per night",
  amount: { currency: "USD", value: "55.00" },
 }, {
  label: "Occupancy Tax",
  amount: { currency: "USD", value: "5.00" },
 }],
 total: {
  label: "Total due",
  amount: { currency: "USD", value: "60.00" },
```

options

new PaymentRequest(
 methodData,
 details,
 options
).show();

options

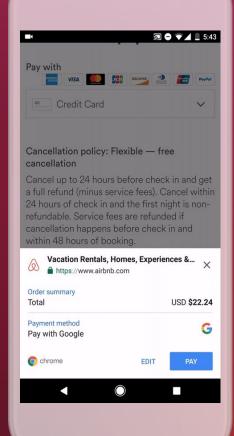
```
const options = {
  requestPayerEmail: false,
  requestPayerName: true,
  requestPayerPhone: false,
  requestShipping: true,
}
```

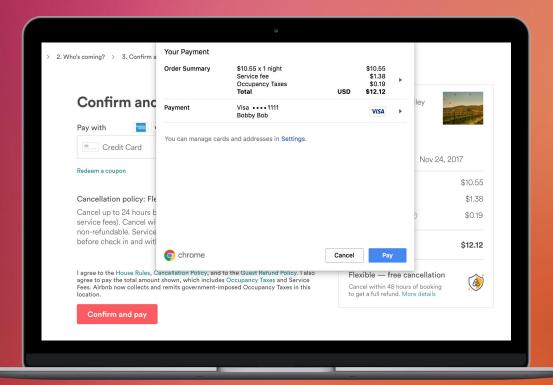
**PaymentRequest** 

```
new PaymentRequest(
  methodData,
  details,
  options
);
```

**PaymentRequest** 

new PaymentRequest(
 methodData,
 details,
 options
).show();





# **Questions?**