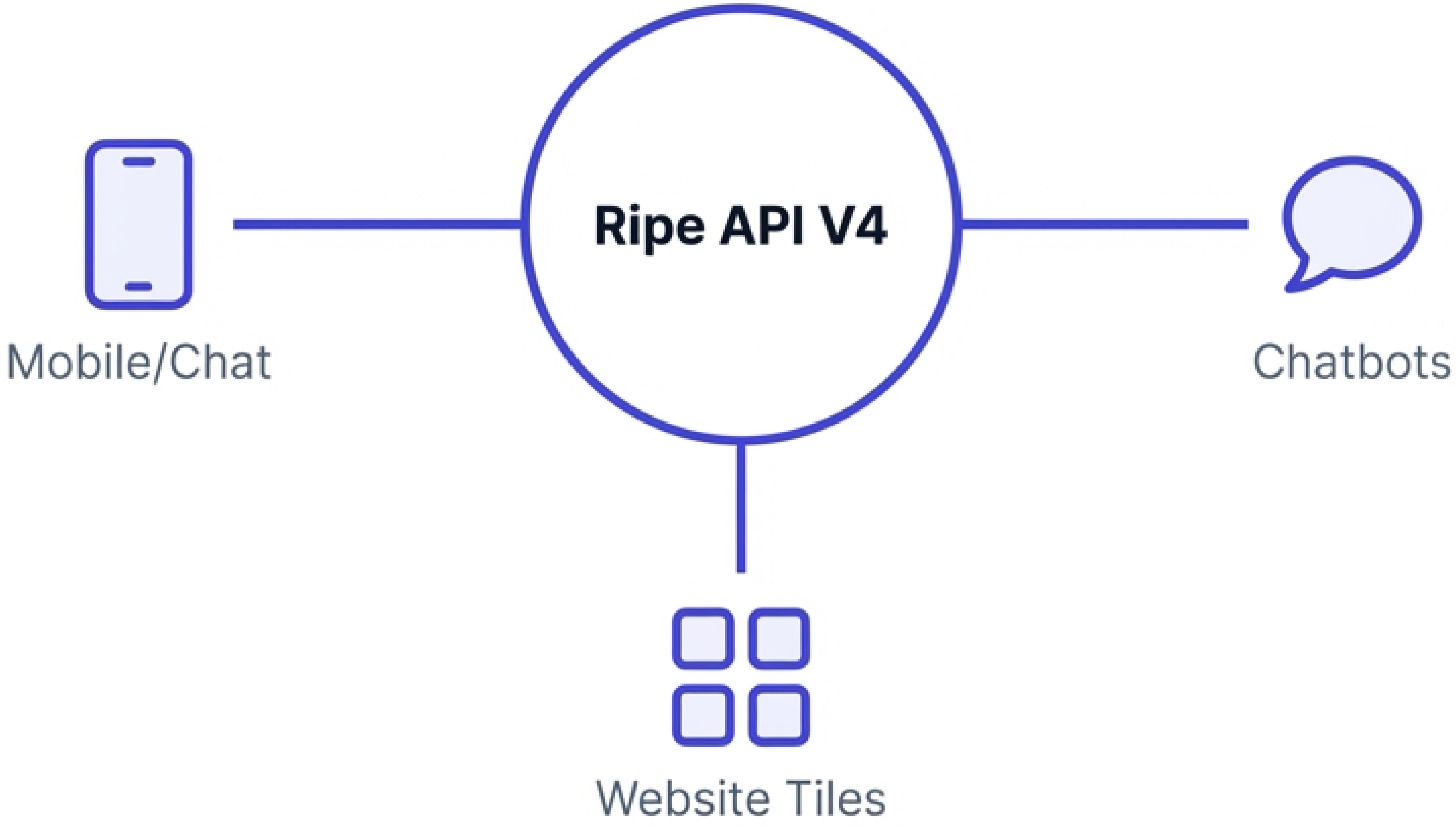
Ripe V4 API: The Property Preview Endpoint

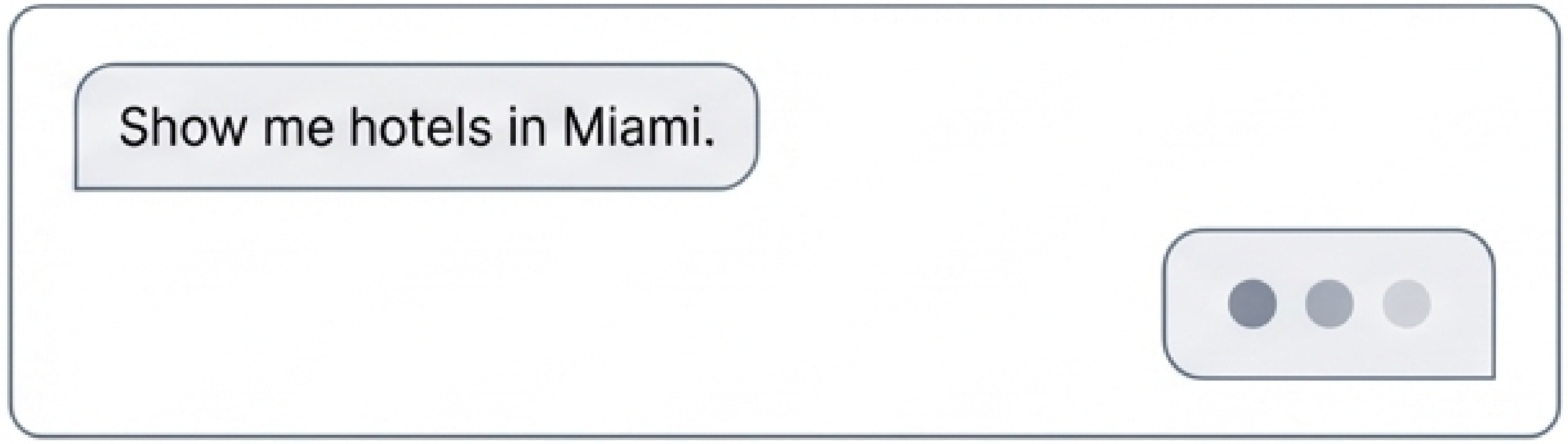
High-performance connectivity for AI, Chatbots, and Third-Party Integrations.



Latency Breaks the Conversational Flow

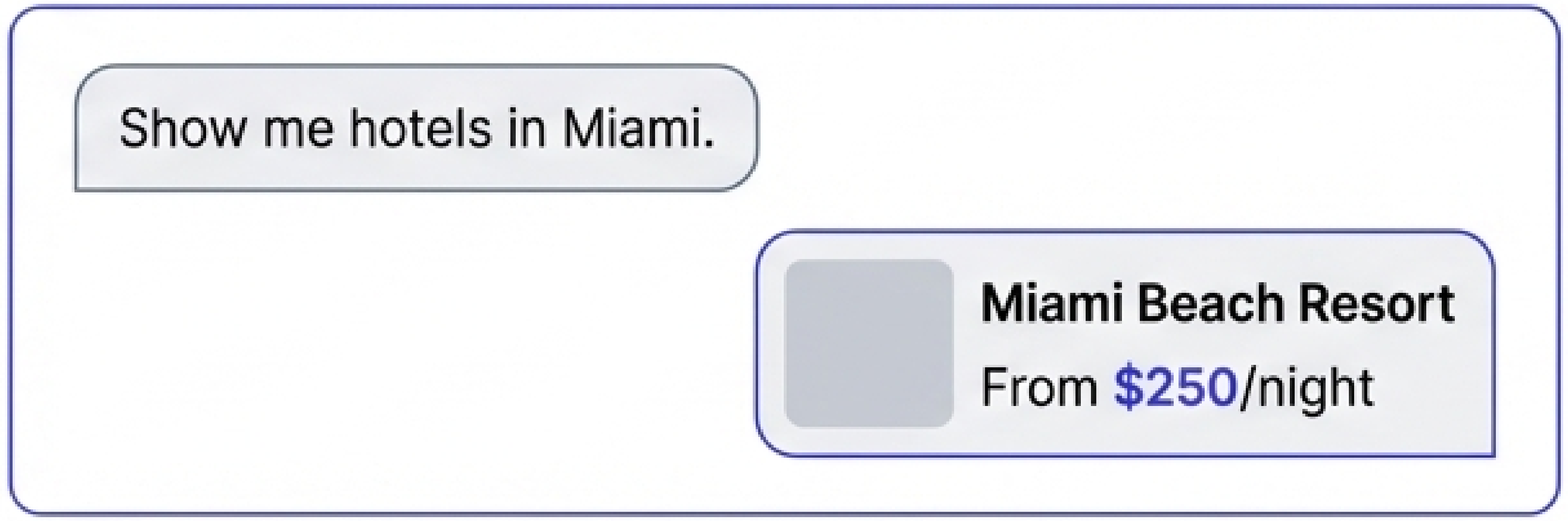
Standard API endpoints are designed for complex booking engines, carrying heavy payloads that ensure data integrity but sacrifice speed. However, modern interfaces have different requirements:

- **AI Chatbots:** Require instant context to maintain natural conversation.
- **Dynamic Tiles:** Need to load lists of properties immediately without stalling the browser.



Show me hotels in Miami.

Standard Endpoint: High Latency



Show me hotels in Miami.

Miami Beach Resort
From **$250**/night

Property Preview Endpoint: <50ms Response

Key Insight: The Property Preview endpoint strips away booking complexity in favor of sub-second response times.

A Lightweight Endpoint for High-Traffic Use Cases

Designed for speed, stability, and mutual client integrations.

Lightweight

Returns a minimized payload containing only essential content (Name, URL, Reviews, Geo).

ARI Integration

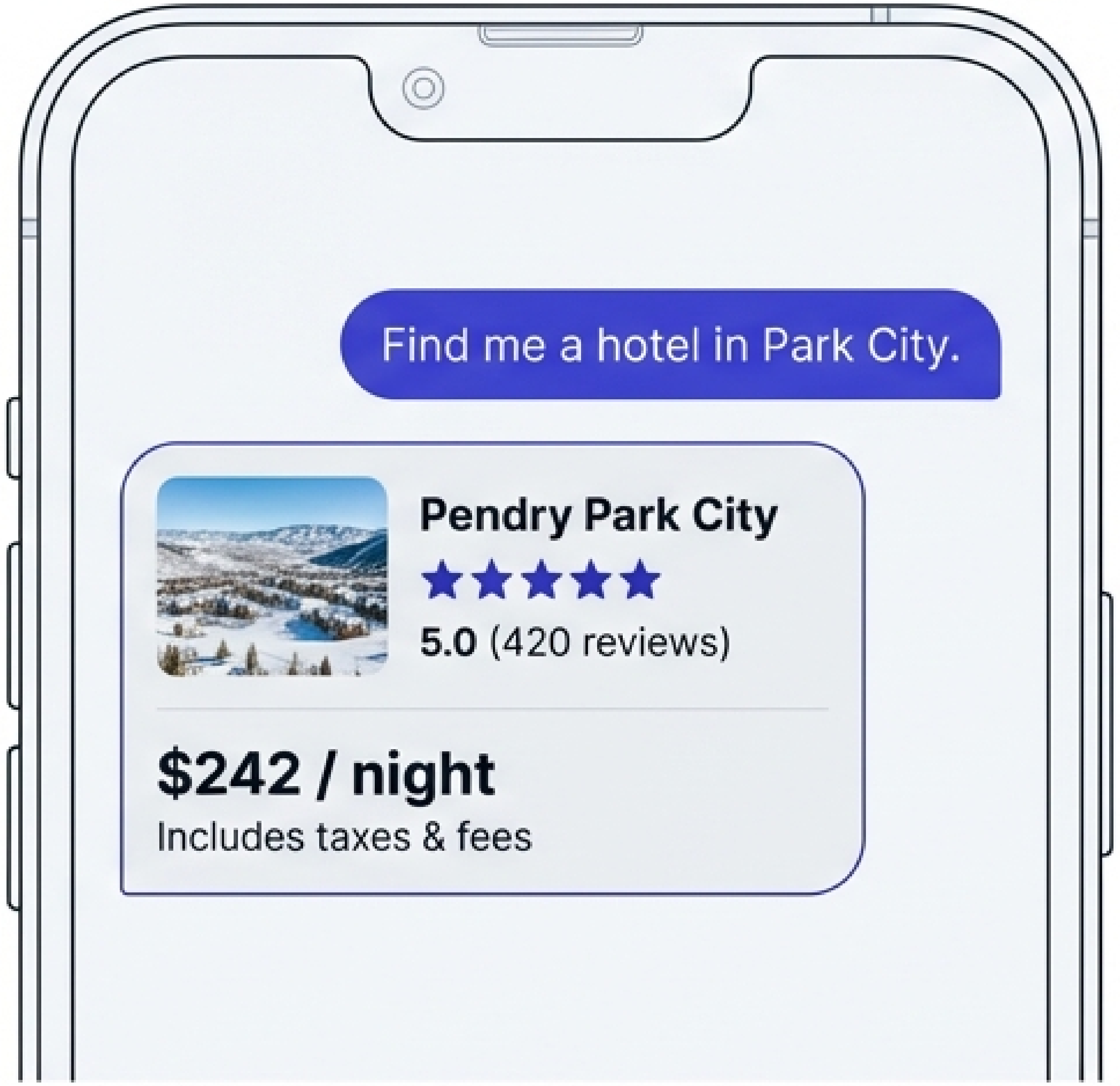
Provides Availability, Rates, and Inventory data without the overhead of a full checkout flow.

Stability

Built for mutual clients and developers integrating Ripe into broader ecosystems.

```
GET https://api.bookripe.com/api/account/v4.0/properties/preview
```

Engineered for Chatbots and Dynamic Content



Find me a hotel in Park City.

Pendry Park City

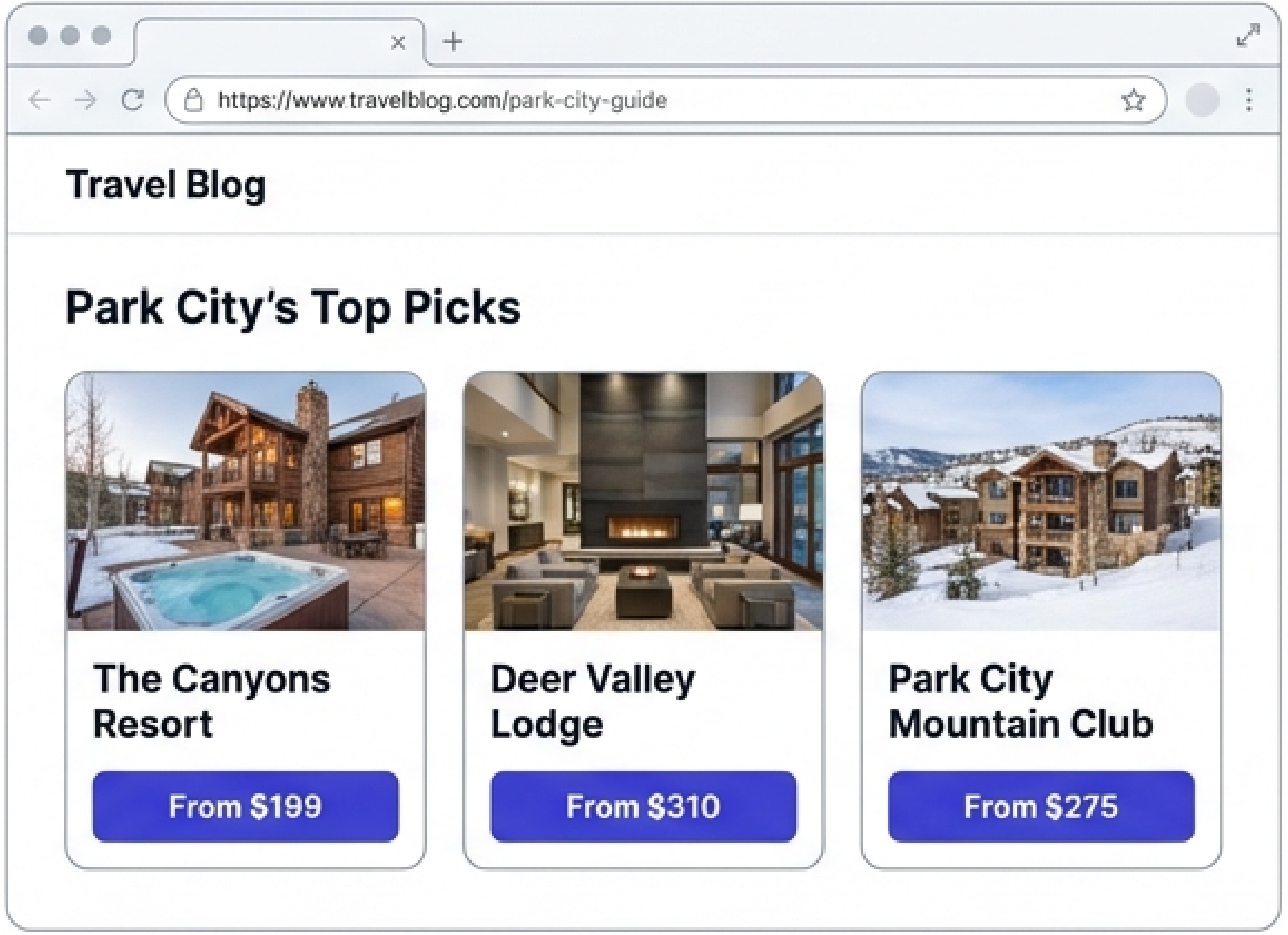
★★★★★

5.0 (420 reviews)

$242 / night

Includes taxes & fees

AI Chatbots: Instant property names, content, and rates.



https://www.travelblog.com/park-city-guide

Travel Blog

Park City's Top Picks

The Canyons Resort

Deer Valley Lodge

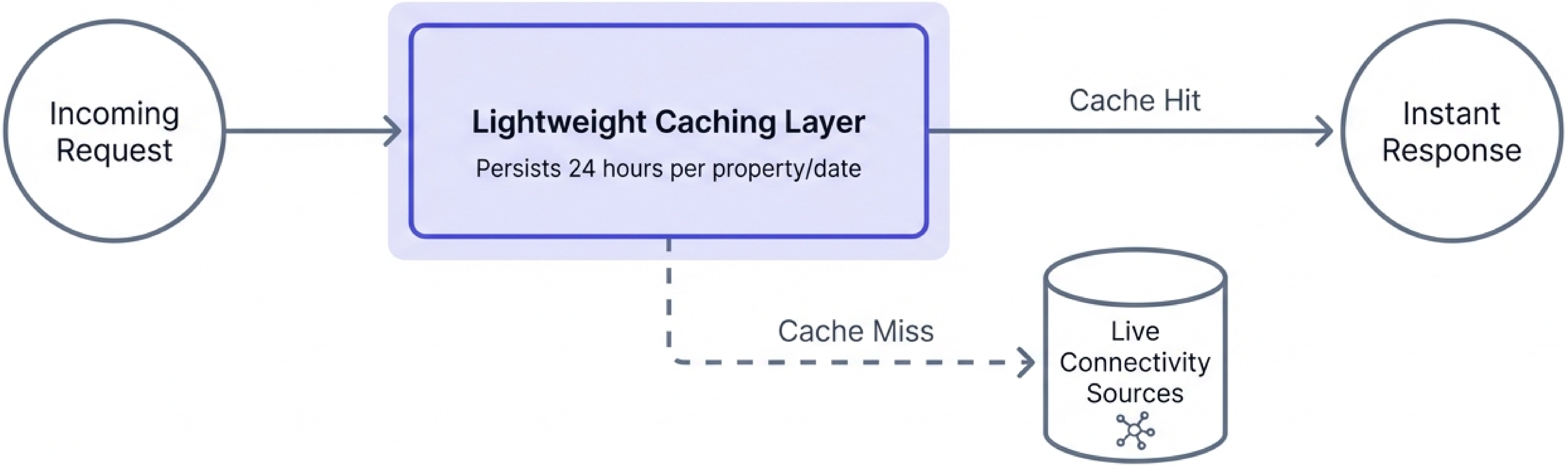
Park City Mountain Club

Website Tiles: Accurate ARI linking directly to the Property Detail Page (PDP).

Modern Technical Editorial

The Caching Architecture

How Ripe achieves sub-50ms response times.



Incoming Request

Lightweight Caching Layer

Persists 24 hours per property/date

Cache Hit

Instant Response

Cache Miss

Live Connectivity Sources

To optimize speed, Ripe caches all ARI (Availability,
To optimize speed, Ripe caches all ARI (Availability, Rates, Inventory) data. Requests bypass heavy live connectivity sources, hitting the cache for immediate retrieval.

Modern Technical Editorial

Constructing the Request

Optimize payloads by requesting specific datasets.

Parameter	Description/Behavior
`properties` (string, optional)	Comma-separated IDs. If omitted, returns all properties for the account.
`"adults"` / `"children"` (number)	Adults required (defaults to 2). Children optional.
`images_qty` (number)	Controls payload size. Unspecified returns max (10). Requesting fewer speeds up processing.
`"checkin"` / `"checkout"` (string, optional)	With dates: Returns static data + lead rates + total stay cost. Without dates: Returns static data only.

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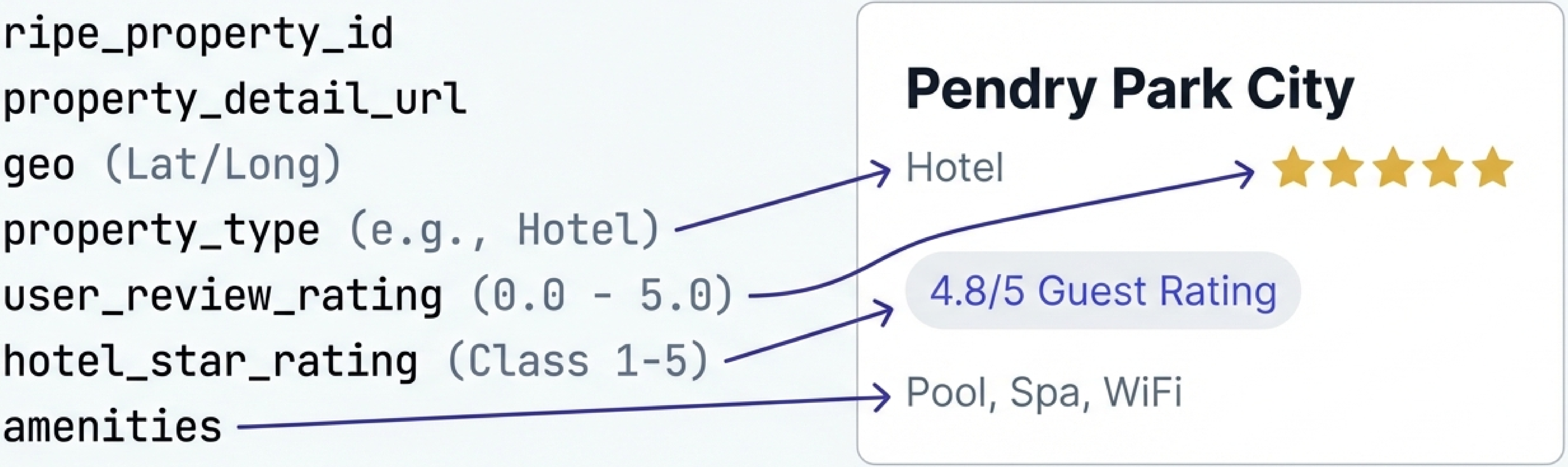
Advanced Logic: The ‘include_default_dates’ Parameter

This boolean parameter alters API behavior to populate data even when specific dates aren’t chosen.

		Dates Provided?	
		No	Yes
include_default_dates?	True	**Result:** Static content only. (No ARI data)	**Result:** Returns Availability/Rates for provided dates.
	False	**Result:** Returns rates for default range: `14 days out, 2-night stay.`	**Result:** Returns Availability/Rates for provided dates.

Response Object: Static Data

Key identifiers available for every property.



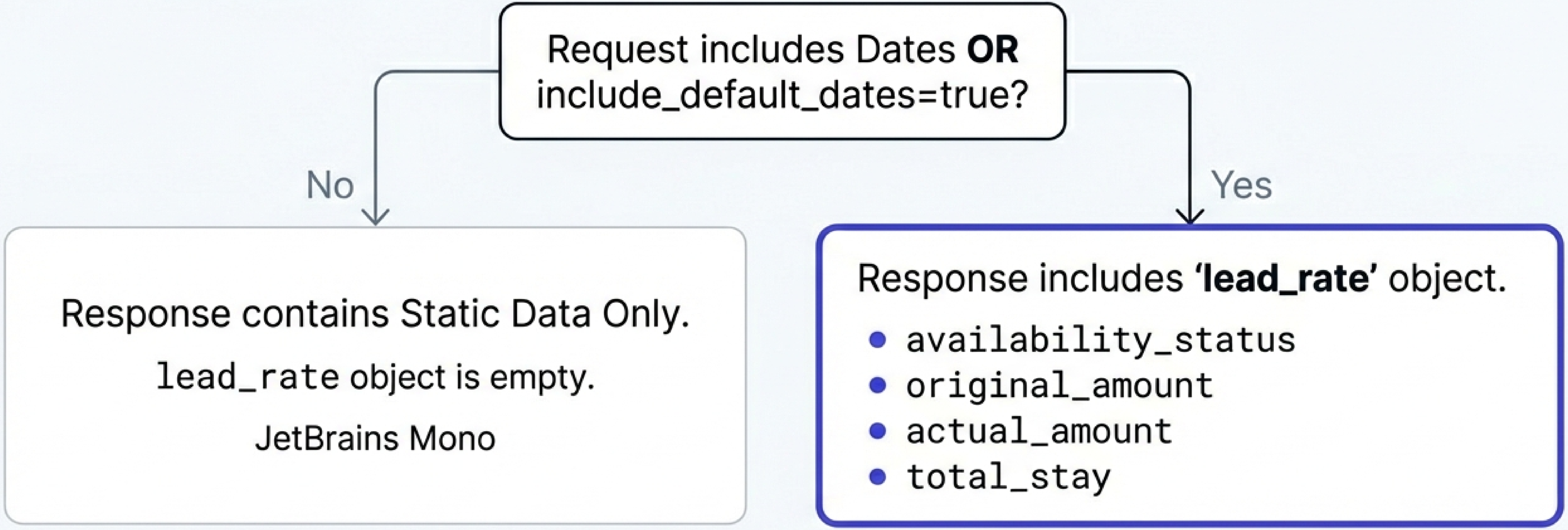
```
ripe_property_id
property_detail_url
geo (Lat/Long)
property_type (e.g., Hotel)
user_review_rating (0.0 - 5.0)
hotel_star_rating (Class 1-5)
amenities
```

Distinction: ‘Hotel Star Rating’ is the class (amenities), ‘User Review Rating’ is guest sentiment.

Modern Technical Editorial

Response Object: Dynamic Data (ARI)

Data returned only when dates are involved.



Request includes Dates **OR** include_default_dates=true?

No

Response contains Static Data Only.

`lead_rate` object is empty.

JetBrains Mono

Yes

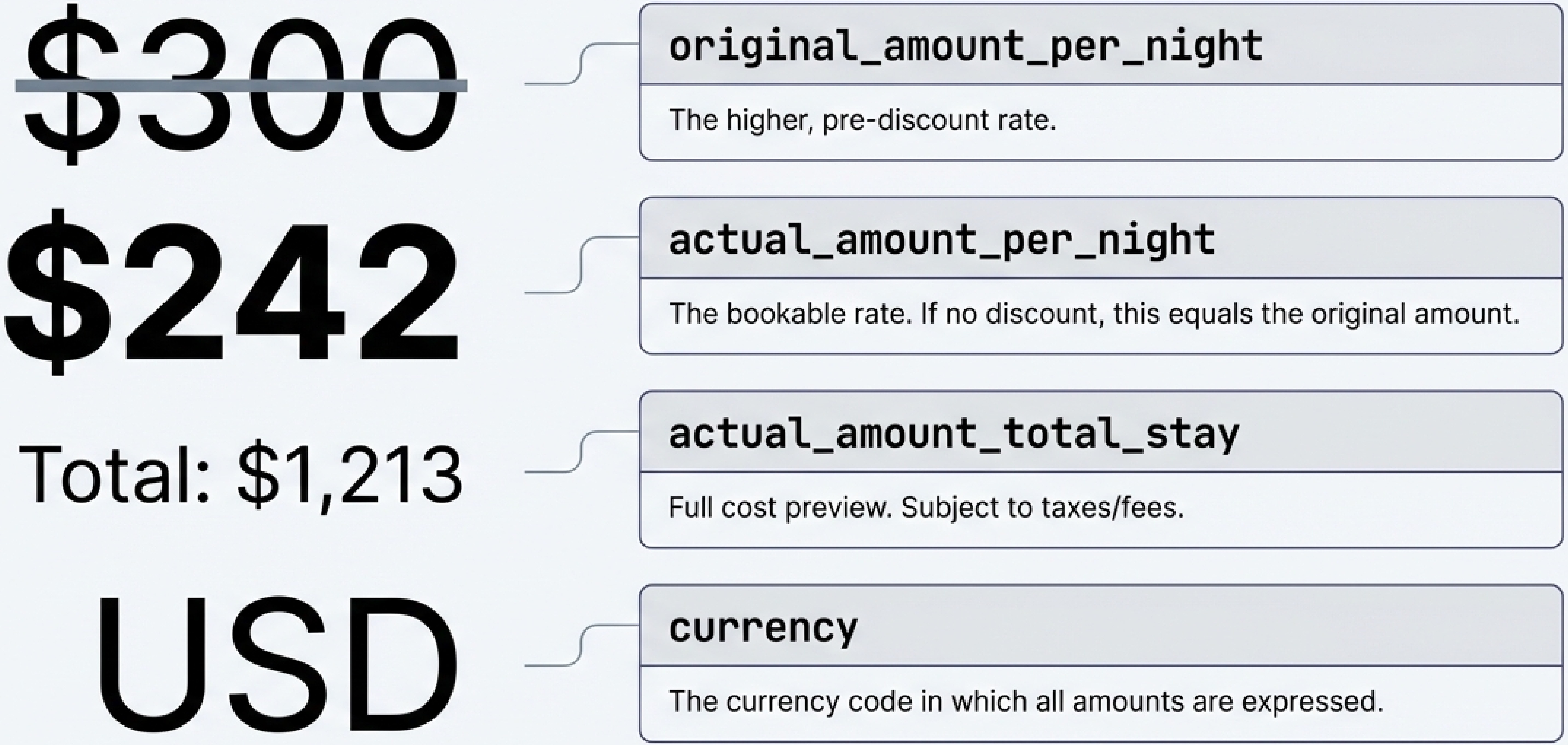
Response includes ‘**lead_rate**’ object.

- `availability_status`
- `original_amount`
- `actual_amount`
- `total_stay`

Frontend Logic: Applications must handle empty objects gracefully if a property is unavailable.

Decoding Pricing Logic

Visual Dictionary of key pricing fields and their meanings.



~~$300~~

original_amount_per_night

The higher, pre-discount rate.

$242

actual_amount_per_night

The bookable rate. If no discount, this equals the original amount.

Total: $1,213

actual_amount_total_stay

Full cost preview. Subject to taxes/fees.

USD

currency

The currency code in which all amounts are expressed.

Handling Availability Status Codes

Status: Available

✓

$242 / Night

Property is confirmed bookable. Show rate.

Status: Unavailable

✗

Check Availability

Confirmed sold out. Do not show price.

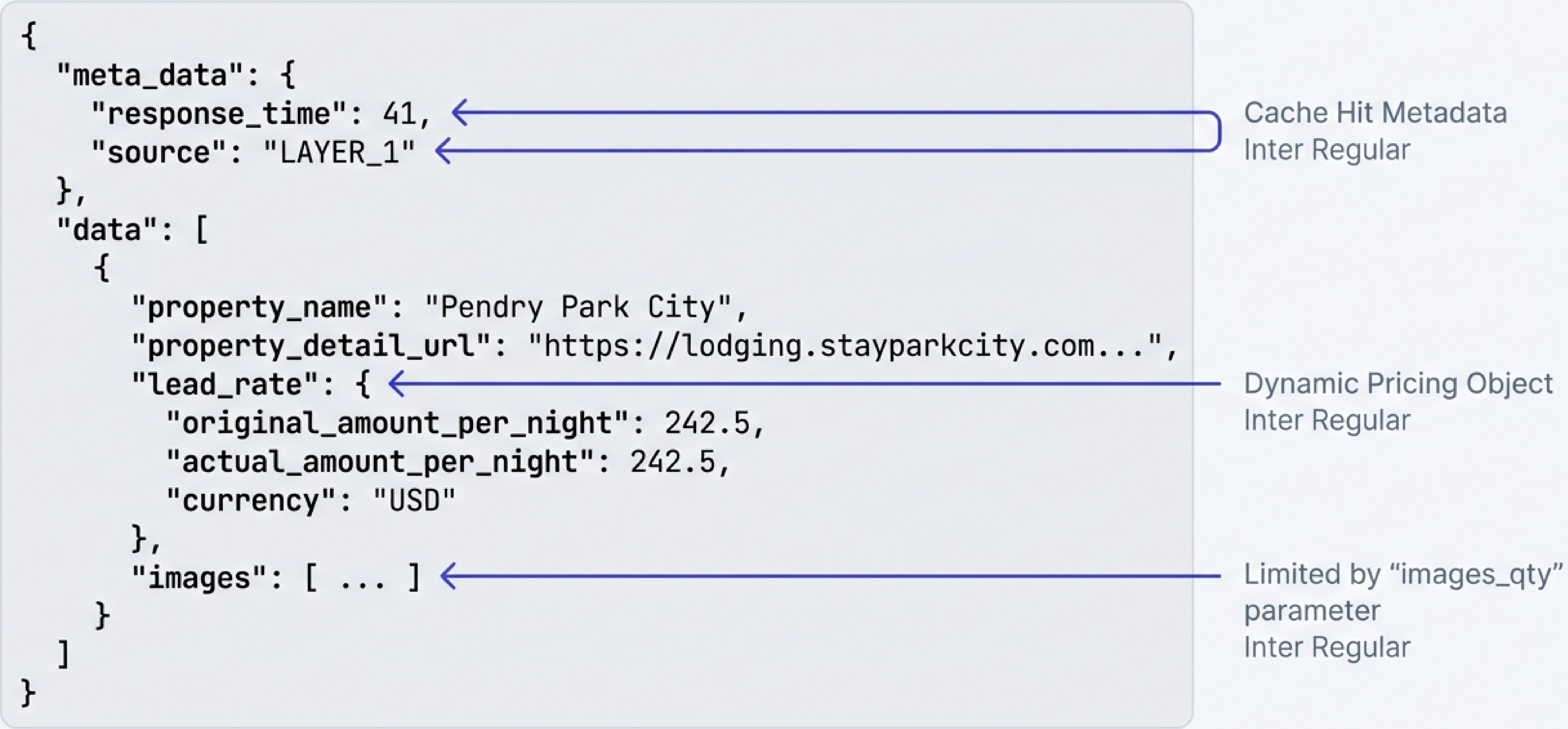
Status: Unknown (Edge Case)

?

View Listing

Referral Property (e.g., Airbnb). No live connectivity. Treat as a referral link.

Implementation Example: The JSON Output



```
{
  "meta_data": {
    "response_time": 41,
    "source": "LAYER_1"
  },
  "data": [
    {
      "property_name": "Pendry Park City",
      "property_detail_url": "https://lodging.stayparkcity.com...",
      "lead_rate": {
        "original_amount_per_night": 242.5,
        "actual_amount_per_night": 242.5,
        "currency": "USD"
      },
      "images": [ ... ]
    }
  ]
}
```

Cache Hit Metadata
Inter Regular

Dynamic Pricing Object
Inter Regular

Limited by “images_qty” parameter
Inter Regular

Developer Best Practices

Payload Hygiene

Only request the image quantity you need ('`images_qty`') to reduce bandwidth.

Fail Gracefully

Implement fallback UIs for '`unavailable`' or '`referral`' properties (blank rate objects).

Smart Defaults

Use ‘`include_default_dates=true`’ to populate ‘Recommended’ lists so they aren't empty.

Review Clarity

Explicitly distinguish between Guest Sentiment (User Rating) and Hotel Class (Star Rating).

Summary: The Property Preview Advantage

Speed

Sub-50ms

Response times via ARI caching.

Flexibility

Hybrid Logic

Supports specific dates or “default date” browsing.

Efficiency

Preview Focused

Delivers just enough data, handing off booking to the PDP.

The most efficient way to power AI Assistants and dynamic property grids.

Resources & Documentation

API Documentation (Swagger/OpenAPI) →

V4.0 Changelog →

Integration Support →

"A simple and lightweight endpoint to retrieve key property details for your website, AI Chat, and other 3rd party applications."