

**Even More Semantics,  
followed by a quiz review**

# Quantifiers and Ellipsis

VP-ellipsis:

John bought a book, and Mary did \_\_\_\_ too.

# Quantifiers and Ellipsis

## VP-ellipsis:

John bought a book, and Mary did  too.

"buy a book"

# Quantifiers and Ellipsis

## identity condition on VP-ellipsis:

John bought a book, and Mary did  too.

"buy a book"

\*"sell an okapi"

# Quantifiers and Ellipsis

## VP-ellipsis:

John bought a book, and Mary did            too.

"buy a book"

John dislikes his father, and Bill does     too.

# Quantifiers and Ellipsis

## VP-ellipsis:

John bought a book, and Mary did            too.

"buy a book"

John dislikes his father, and Bill does            too.

"dislike his (J or B's) father"

# Quantifiers and Ellipsis

Antecedent Contained Deletion (ACD)

John visited every city [that Mary did \_\_\_]

# Quantifiers and Ellipsis

## Antecedent Contained Deletion (ACD)

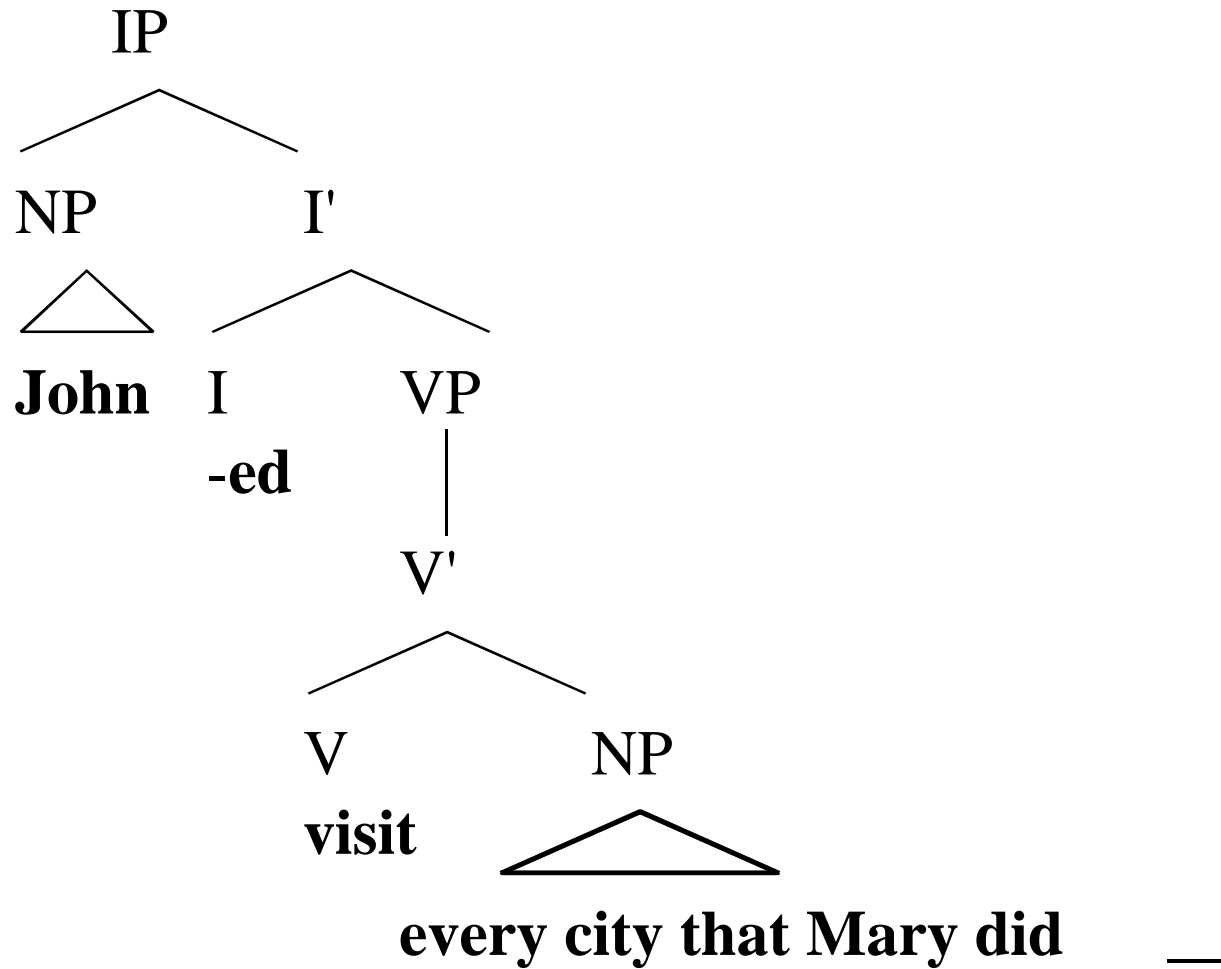
John visited every city [that Mary did       ]

??

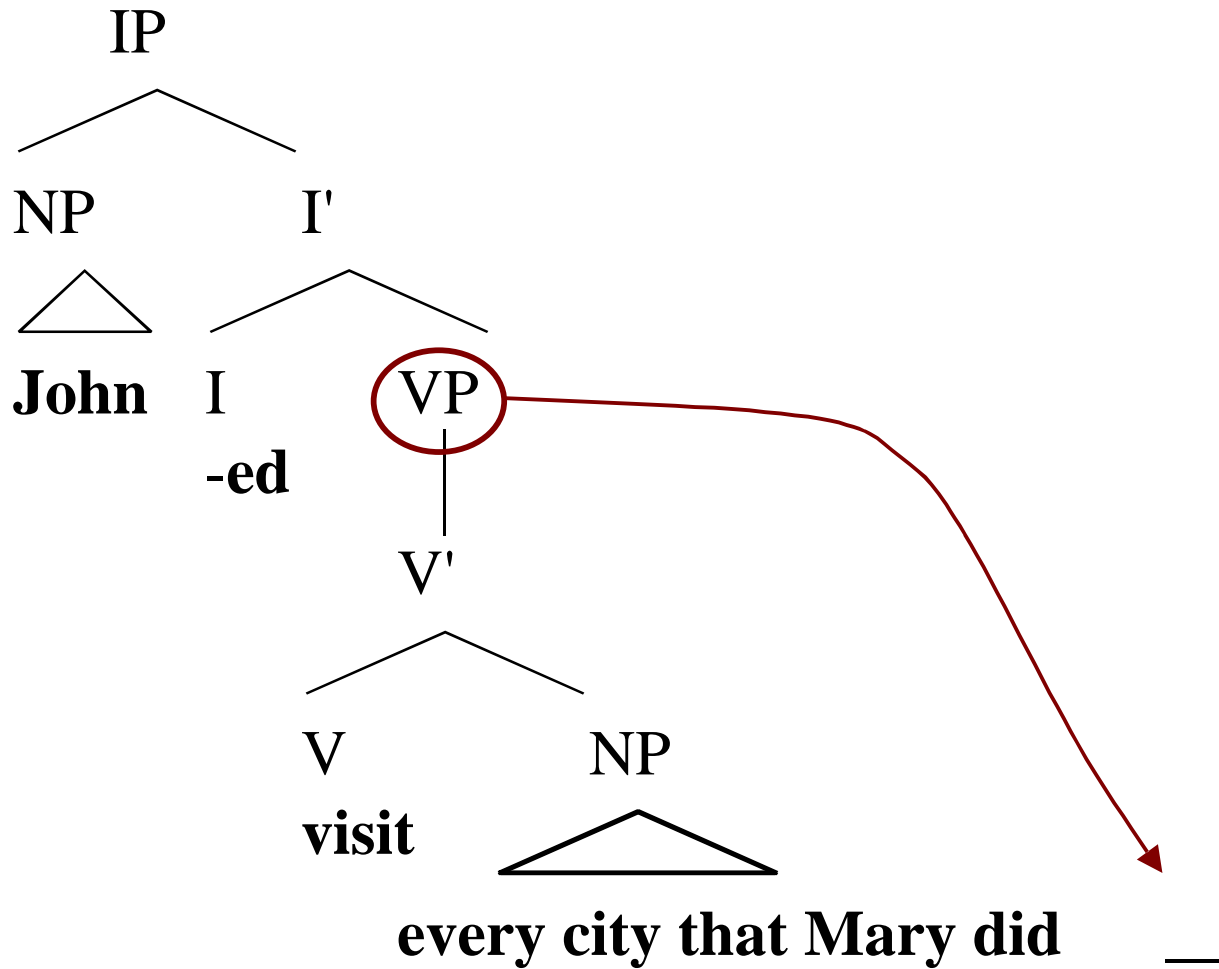




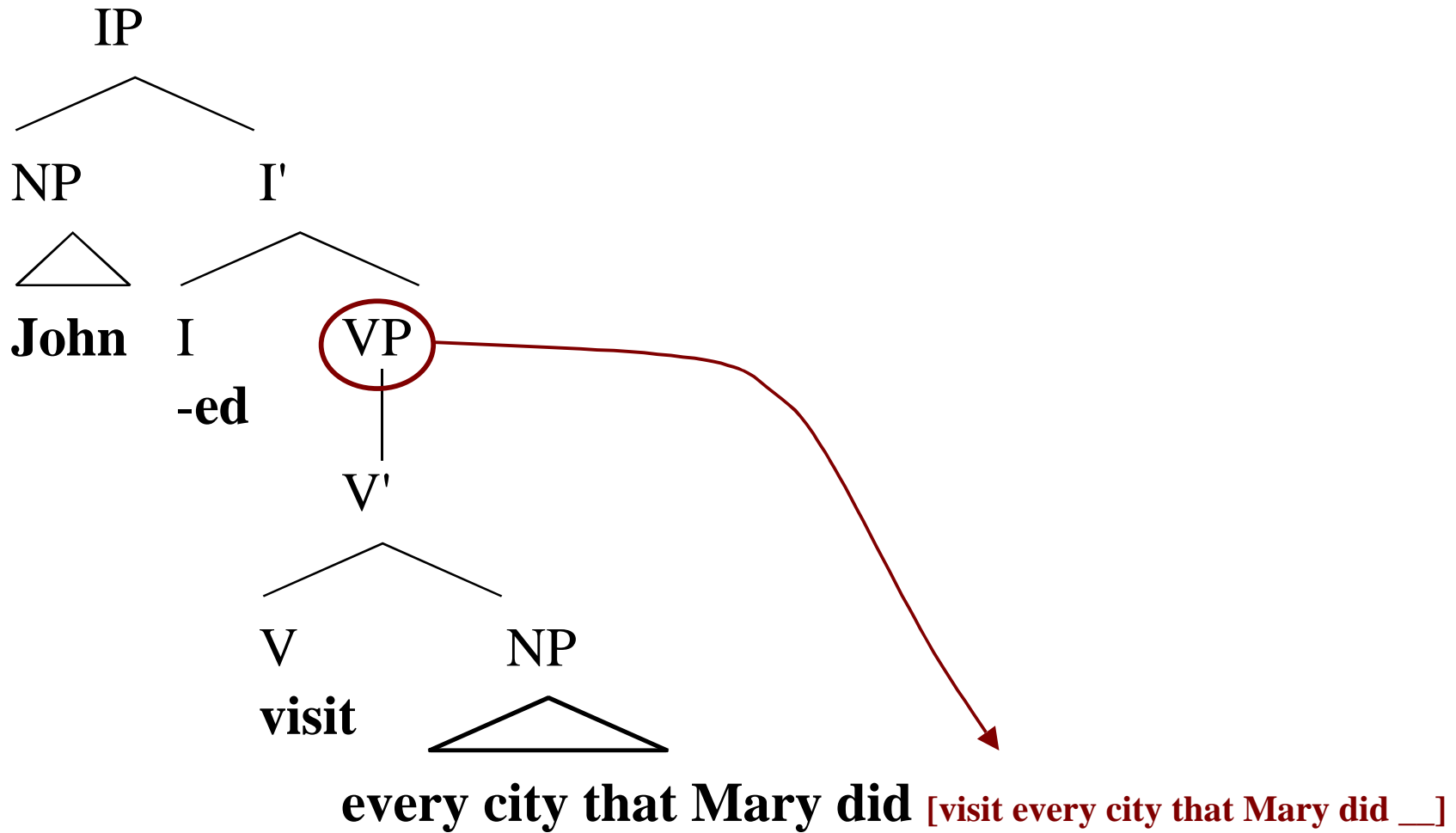
# Quantifiers and Ellipsis



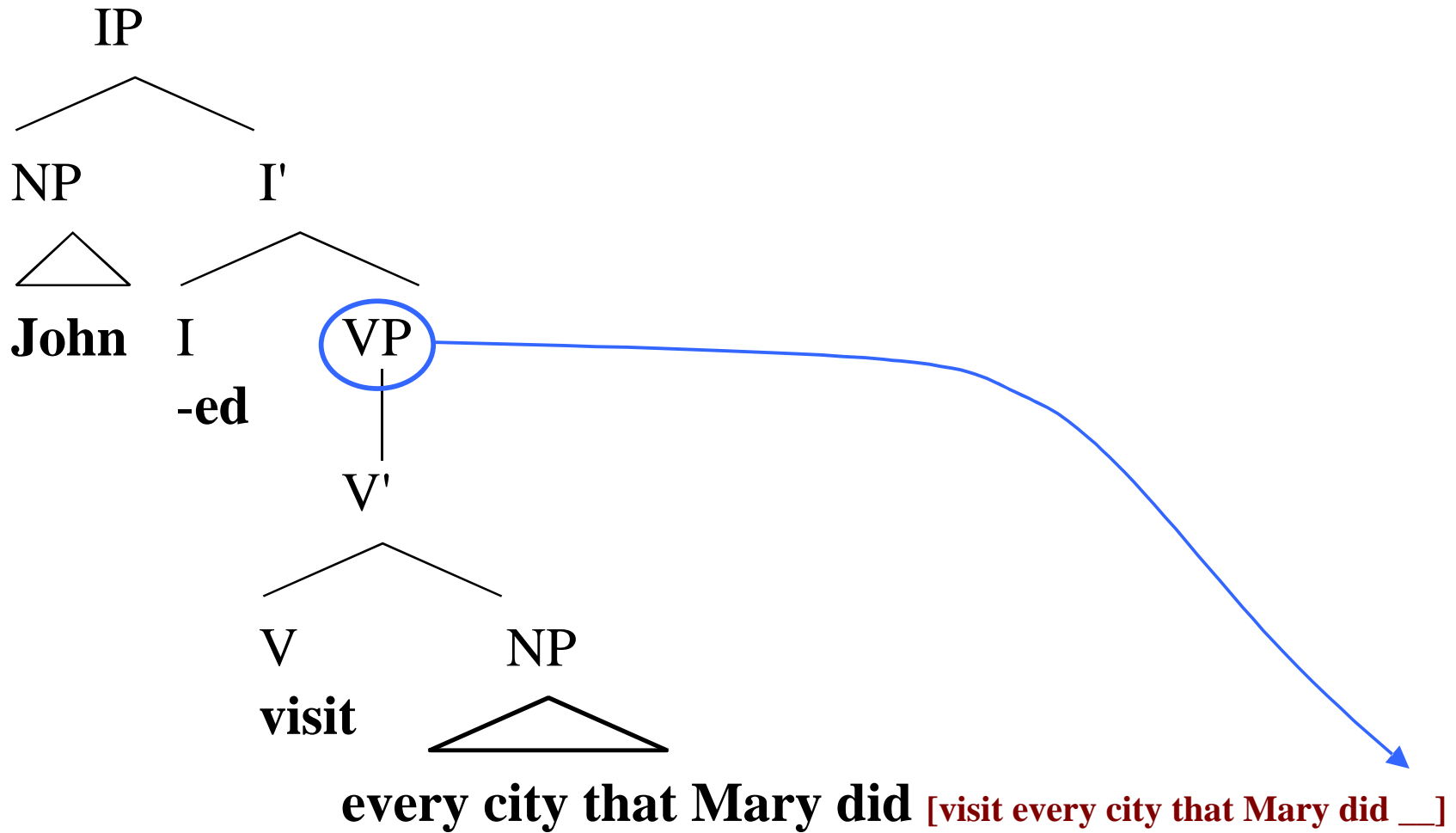
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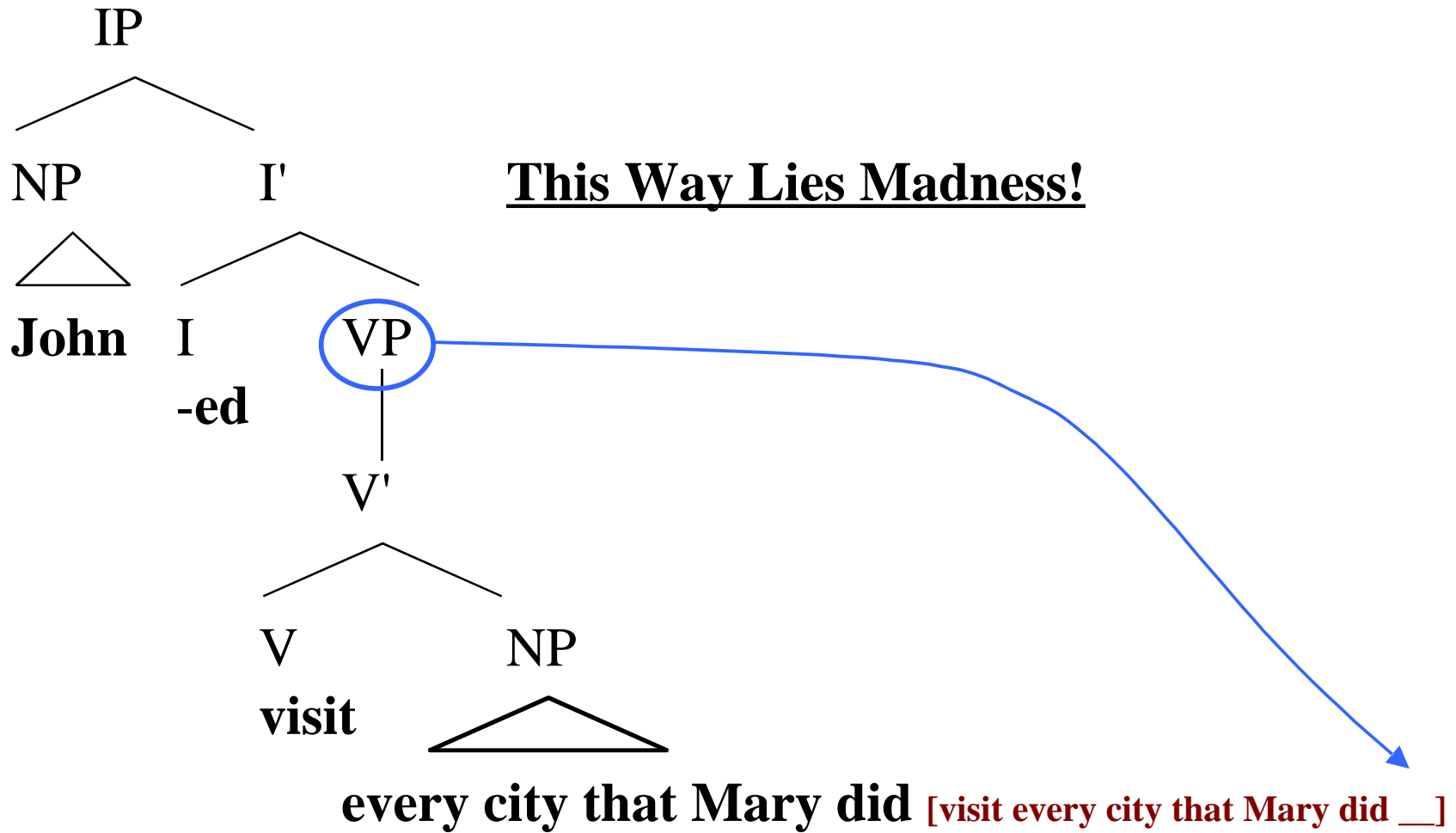
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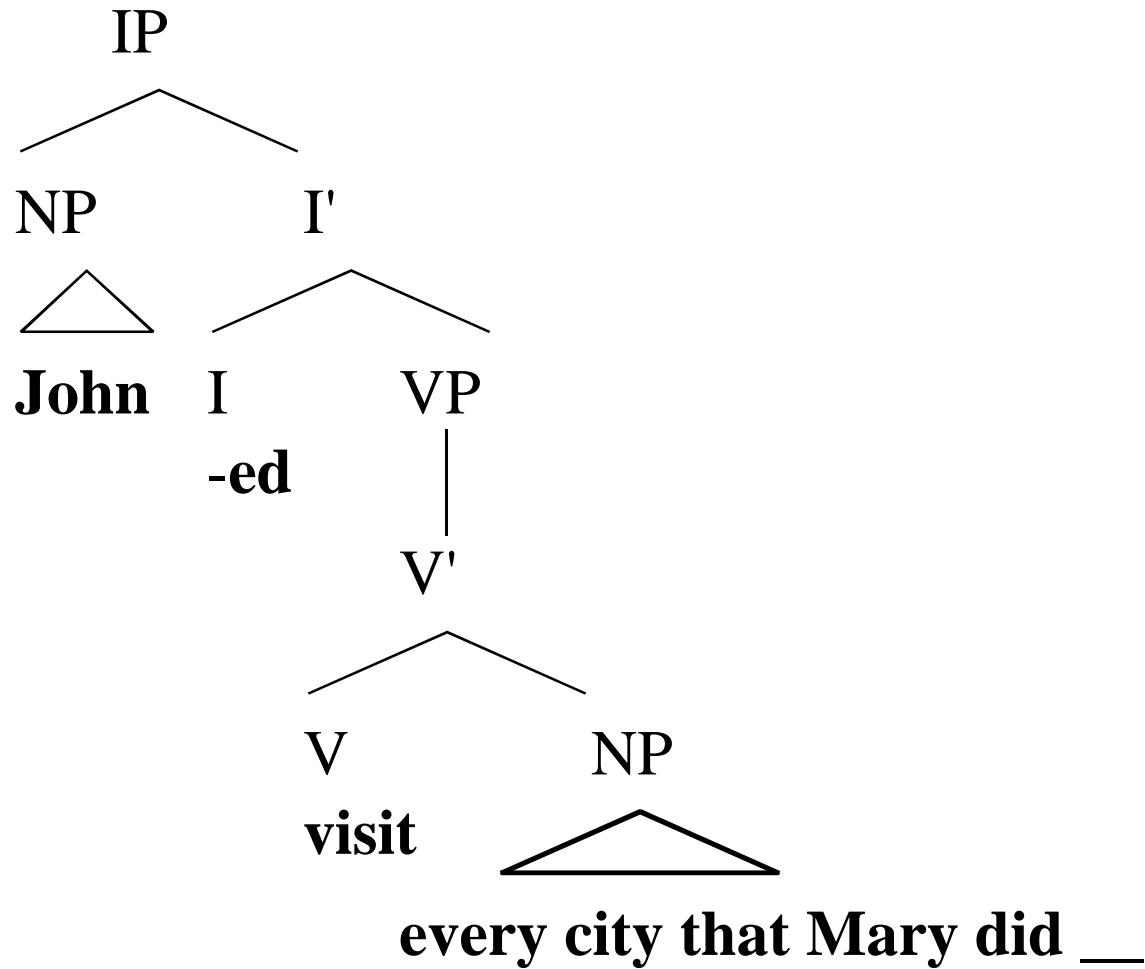
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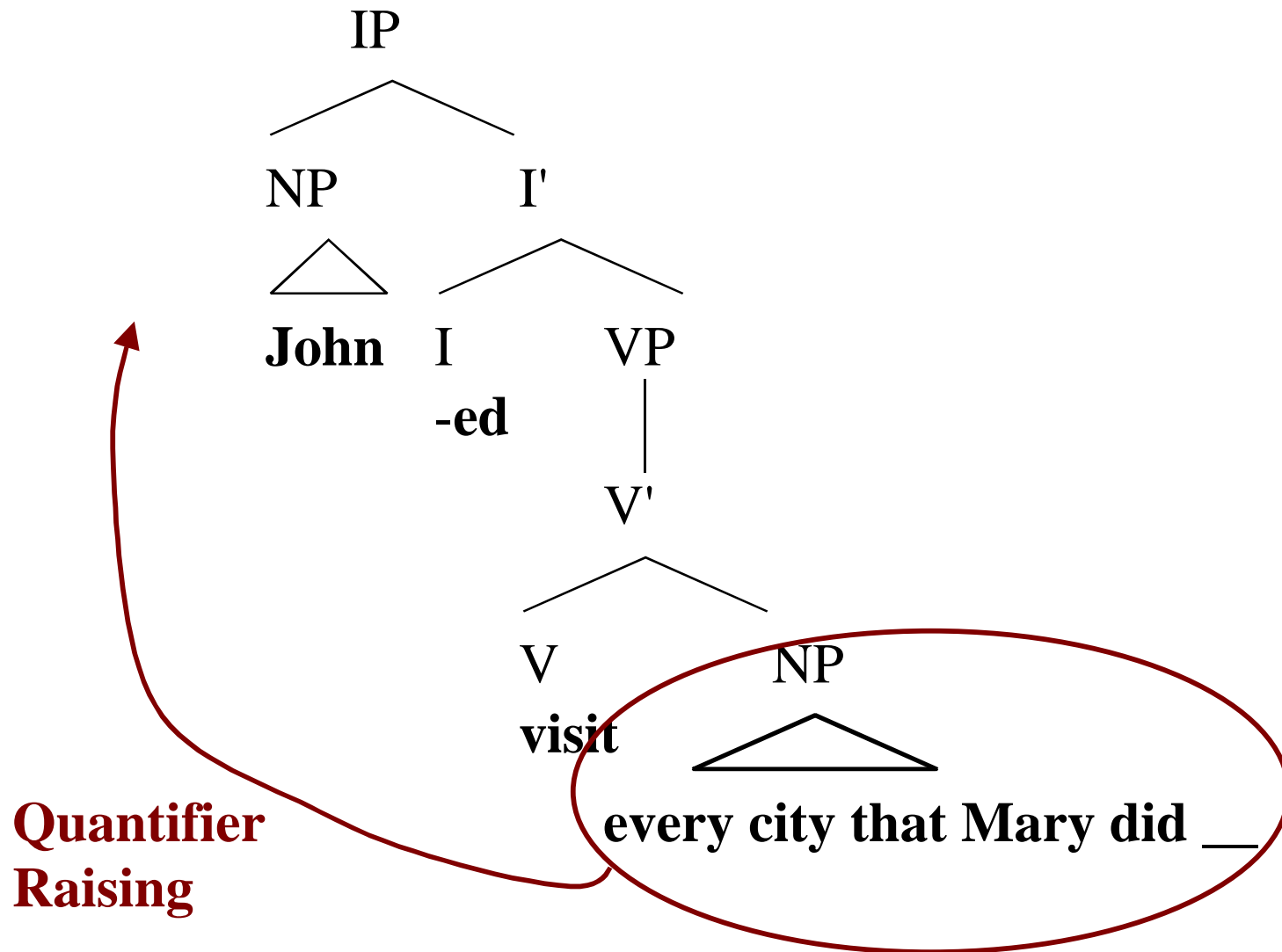
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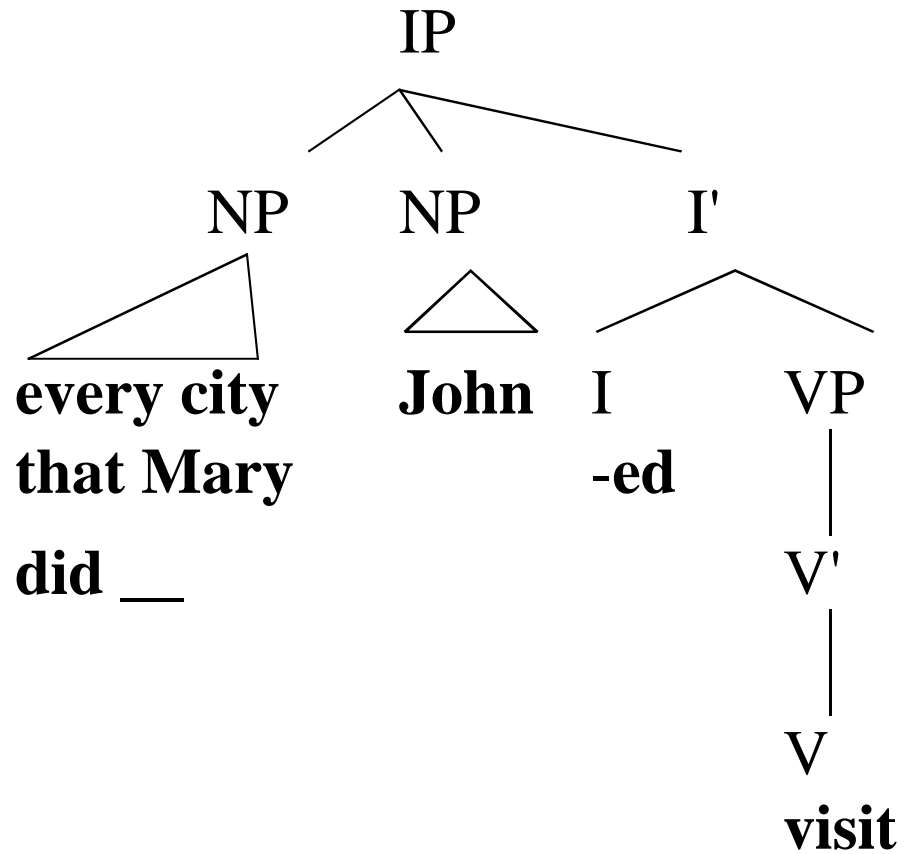
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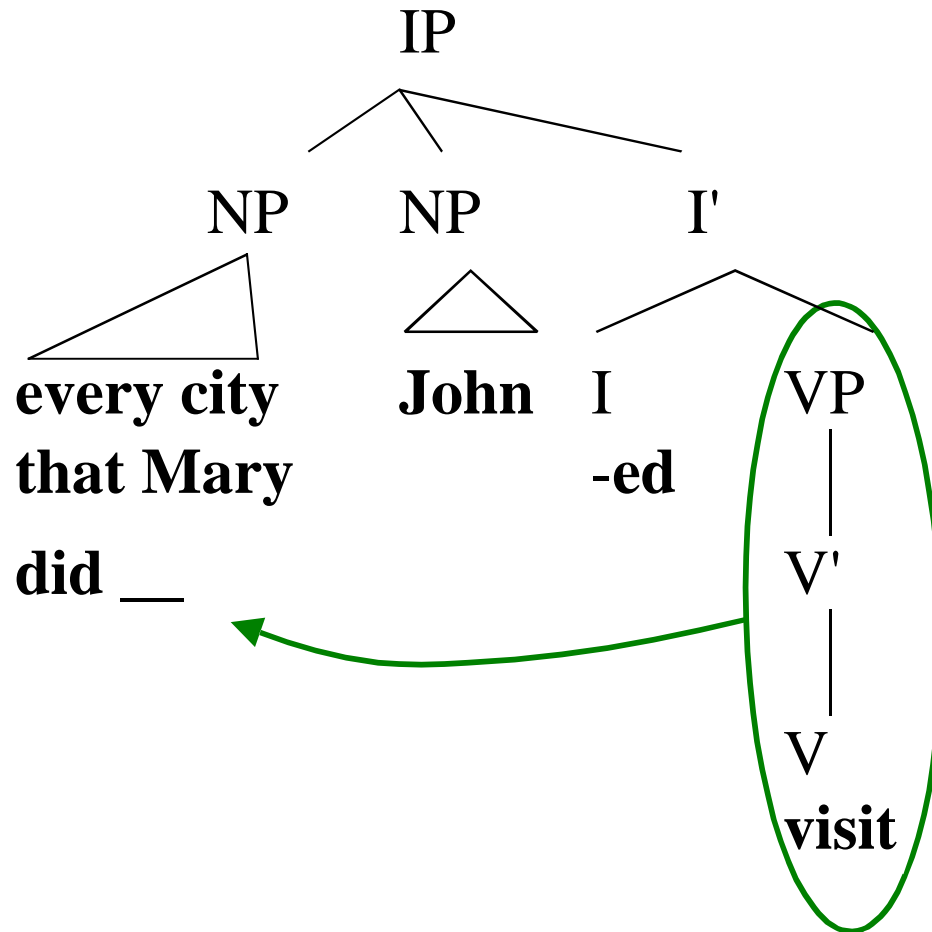


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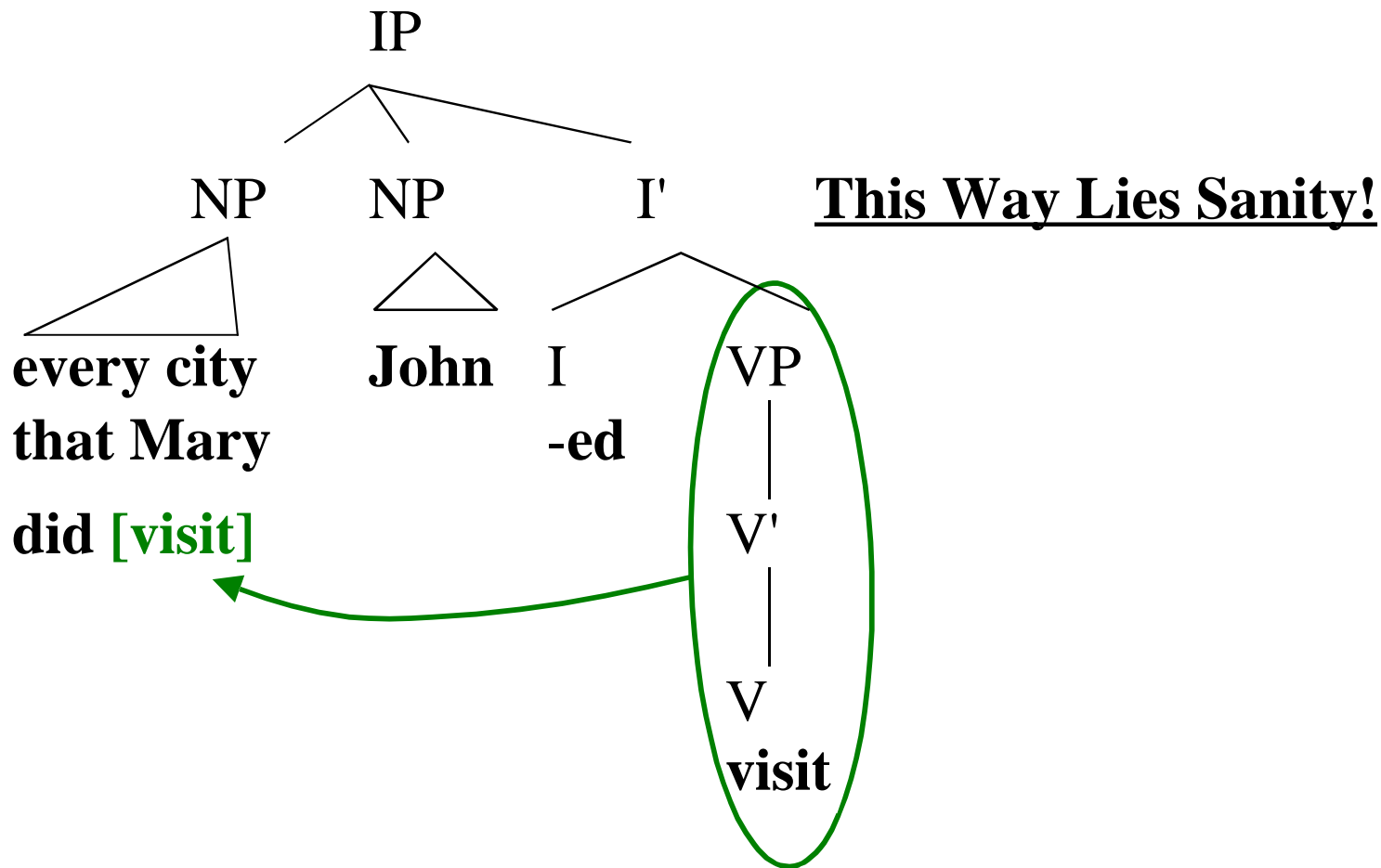




# Quantifiers and Ellipsis



# Quantifiers and Ellipsis



# Quantifiers and Ellipsis

John refused to visit every city Mary visited.

# Quantifiers and Ellipsis

John refused to visit every city Mary visited.

- > John said, "I won't visit every city Mary visited"
- > John said, "I won't visit Paris, London, or Tuscaloosa"  
(and those are the cities Mary visited)

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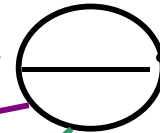
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# Quantifiers and Ellipsis

John refused to visit every city Mary did \_\_\_\_.

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"visited"

"refused to visit"



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2 ambiguities:

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in principle, **4 readings:**

- John said, "I refuse to visit Paris, Rome, or Tuscaloosa"  
(and Mary had visited these cities)
- John said, "I refuse to visit Paris, Rome, or Tuscaloosa"  
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- John said, "I refuse to visit Paris, Rome, or Tuscaloosa"  
(and Mary had refused to visit these cities)
- John said, "I refuse to visit every city Mary visits"
- John said, "I refuse to visit every city Mary refuses to visit"

# Quantifiers and Ellipsis

John refused to visit every city Mary did \_\_\_\_.

2 ambiguities:

- "visit" vs. "refuse to visit"
- John's refusal mentions "every city", or not.

in fact, **only 3 readings:**

- John said, "I refuse to visit Paris, Rome, or Tuscaloosa"  
(and Mary had visited these cities)
- John said, "I refuse to visit Paris, Rome, or Tuscaloosa"  
(and Mary had refused to visit these cities)
- John said, "I refuse to visit every city Mary visits"
- ~~John said, "I refuse to visit every city Mary refuses to visit"~~

# Quantifiers and Ellipsis

John refused to visit every city Mary visited.



- > John said, "I won't visit every city Mary visited"
- > John said, "I won't visit Paris, London, or Tuscaloosa"  
(and those are the cities Mary visited)

# Quantifiers and Ellipsis

John refused to visit every city Mary did \_\_.



- > John said, "I won't visit every city Mary visited"
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**-->QR used to avoid endless loops**



# When can you do QR?

Someone loves everyone.

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Someone loves everyone

- with QR:

"Everyone is such that someone loves them"

- without QR:

"There is a particular person who loves everyone"

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-->QR is always optional?

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- with or without QR:

{people} is a subset of {things John loves}

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{people} is a subset of {things John loves}

...so is QR optional here, too?

# **Ellipsis and parallelism, again**

A guard is standing in front of every building.

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A guard is standing in front of every building.

Image removed for copyright reasons.

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# Ellipsis and parallelism, again

An American guard is standing  
in front of every building,  
and a Canadian guard is \_\_\_ too.

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An American guard is standing  
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## **four imaginable readings:**

- each building has two guards
- two guards, both very fat

# Ellipsis and parallelism, again

An American guard is standing  
in front of every building,  
and a Canadian guard is \_\_\_ too.

## **four imaginable readings:**

- each building has two guards
- two guards, both very fat
- each building has one American guard,  
and there's one very fat Canadian guard.
- (ditto, with nationalities switched)

# Ellipsis and parallelism, again

An American guard is standing  
in front of every building,  
and a Canadian guard is \_\_\_ too.

## **four imaginable readings:**

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- ~~• each building has one American guard,  
and there's one very fat Canadian guard.~~
- ~~• (ditto, with nationalities switched)~~

# Ellipsis and parallelism, again

An American guard is standing  
in front of every building,

and a Canadian guard is \_\_\_ too.

**four imaginable readings, but we only get two:**

- each building has two guards
- two guards, both very fat

**-->'parallelism' extends to QR (if you do QR in one conjunct, you have to do it in both)**

# Ellipsis and parallelism, again

John is standing in front of every building.

- QR wouldn't affect the interpretation here.

# Ellipsis and parallelism, again

John is standing in front of every building.

- QR wouldn't affect the interpretation here.  
...so can it happen, or not?

# Ellipsis and parallelism, again

John is standing in front of every building.  
...and a guard is \_\_, too.

- For QR to happen in the second conjunct, it has to happen in the first conjunct, too.



# Ellipsis and parallelism, again

John is standing in front of every building.  
...and a guard is \_\_, too.

- For QR to happen in the second conjunct, it has to happen in the first conjunct, too.  
...but, in fact, the sentence only has one reading --> **no QR**