



# Using Web Services

## Chapter 13



Python for Everybody  
[www.py4e.com](http://www.py4e.com)



# Data on the Web

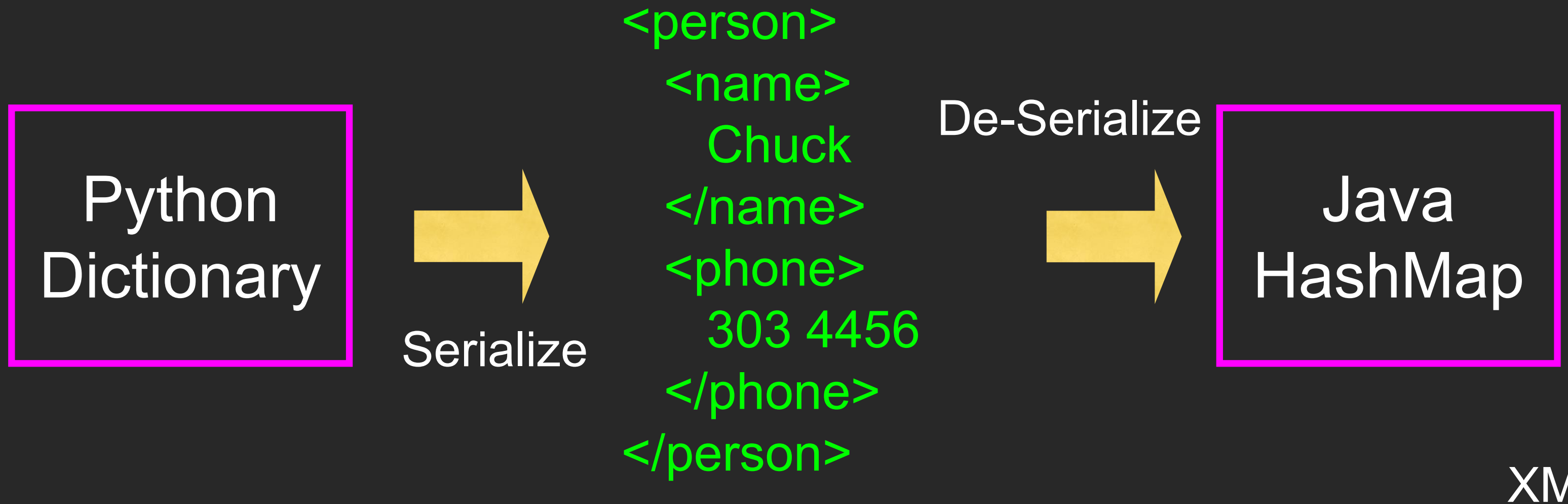
- With the HTTP Request/Response well understood and well supported, there was a natural move toward exchanging data between programs using these protocols
- We needed to come up with an agreed way to represent data going between applications and across networks
- There are two commonly used formats: XML and JSON

# Sending Data across the “Net”

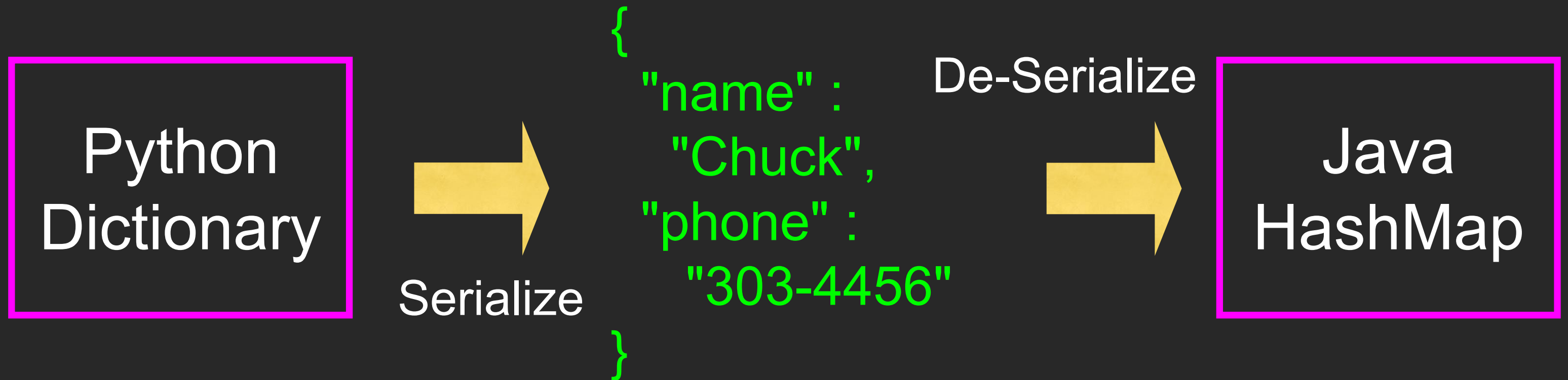


a.k.a. “Wire Protocol” - What we send on the “wire”

# Agreeing on a “Wire Format”



# Agreeing on a “Wire Format”



JSON

# XML

Marking up data to send across the network...

<http://en.wikipedia.org/wiki/XML>



## Acknowledgements / Contributions



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