

- (#1) “President Blaise Compaoré’s government of Burkina Faso was founded ...”  
(#2) “President Barack Obama’s government of U.S. claimed that...”  
(#3) “U.S. President Barack Obama visited ...”

*Meta pattern segmentation*

*Meta patterns:*

**「president \$PERSON.POLITICIAN ’s government of \$LOCATION.COUNTRY」** was founded...

**「\$LOCATION.COUNTRY president \$PERSON.POLITICIAN」**...

*Adjust types  
for appropriate  
granularity*

**\$LOCATION  
or \$COUNTRY?**

*Type-level <entity type, attribute  
name, value type> tuple:*

**<\$COUNTRY, {president}, \$POLITICIAN>**

*Entity-level <entity, attribute  
name, attribute value> tuple:*

**<Burkina Faso, {president}, Blaise Compaoré>  
<U.S., {president}, Barack Obama>**

*Joint  
extraction*

*Group  
synonymous  
meta patterns*