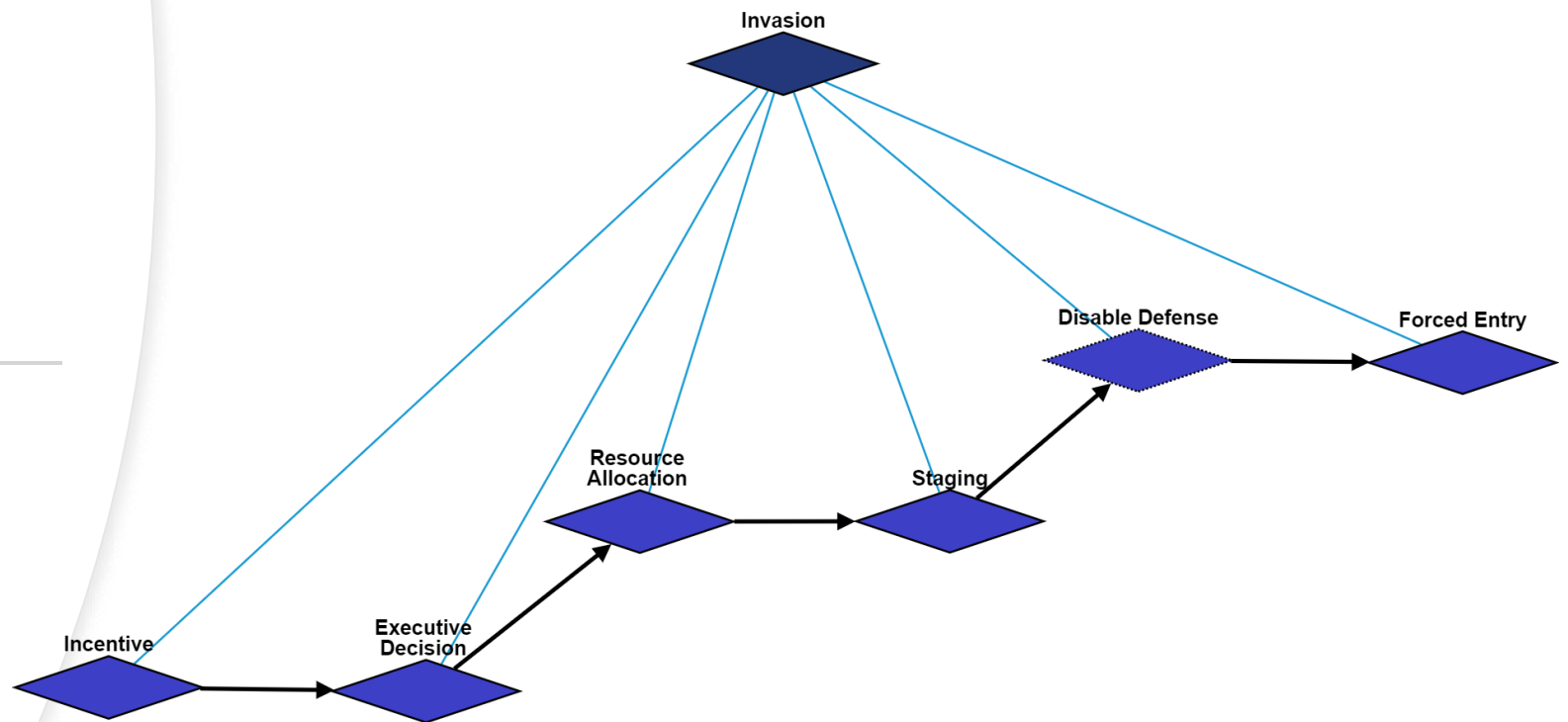


KAIROS

September 22<sup>nd</sup>, 2022

# Invasion

Evaluation 2B  
Schema library



Jan. 2021: Zelenskiy appeals to U.S. president Joe Biden to let Ukraine join NATO. In February, his government freezes the assets of opposition leader Viktor Medvedchuk, the Kremlin's most prominent ally in Ukraine.

Spring 2021: Russia begins massing troops near Ukraine's borders in what it says are training exercises.

Nov. 2021: Satellite images taken by Maxar Technologies show ongoing buildup of Russian forces near Ukraine with estimates soon surpassing 100,000 troops deployed.

Dec. 17 2021: Russia presents security demands including that NATO pull back troops and weapons from eastern Europe and bar Ukraine from ever joining.

Jan. 24 2022: NATO puts forces on standby and reinforces eastern Europe with more ships and fighter jets.

Jan. 26: Washington responds to Russia's security demands, repeating a commitment to NATO's "open-door" policy while offering a "pragmatic evaluation" of Moscow's concerns. Two days later Russia says its demands not addressed.

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1. Political action
2. Economic action
3. Military action
4. Demands are made
5. Military equipment mobilized
6. Demands addressed

Feb. 2022: Amid growing Western fears Russia could attack Ukraine, the United States says it will send 3,000 extra troops to NATO members Poland and Romania. Washington and allies say they will not send troops to Ukraine, but warn of severe economic sanctions if Russian President Vladimir Putin takes military action.

Feb. 21: In a TV address, Putin says Ukraine is an integral part of Russian history and has a puppet regime managed by foreign powers. Putin orders what he called peacekeeping forces into two breakaway regions in eastern Ukraine, after recognising them as independent.

Feb. 22: The U.S., Britain and their allies sanction Russian parliament members, banks and other assets in response to Putin's troop order. Germany halts the Nord Stream 2 gas pipeline project.

Feb. 23: Russian-backed separatist leaders ask Russia for help repelling aggression from the Ukrainian army.

Feb. 24: Putin authorizes "special military operations" in Ukraine. Russian forces begin missile and artillery attacks, striking major Ukrainian cities including Kiev.

Feb. 26: Western allies announce new sanctions, including restrictions on Russia's central bank and expelling key banks off the main global payments system.

7. More troop movement
8. Economic sanctions
9. Media announcement
10. Guise of "peacekeeping"
11. More sanctions
12. Restricted access to resources
13. Missile and artillery attacks
14. Response sanctions
15. Financial isolation



# NORMANDY INVASION — JUNE 6, 1944

## OVERVIEW

also called Operation Overlord or D-Day, during World War II, the Allied invasion of western Europe, which was launched on June 6, 1944, with the simultaneous landing of U.S., British, and Canadian forces on five separate beachheads in Normandy, France.

### PHASE 1

12:00 A.M.

#### Airborne Drop

23,400 Allied paratroopers begin landing in Normandy to secure the exits from the beaches

### PHASE 2

1:00 A.M.

#### Deception

Allies fake invasion at Pas de Calais about 150 miles (250 km) northeast of the Normandy landings

### PHASE 3

3:00 A.M.

#### Aerial Attack

Allied aircraft begin bombardment on German defenses in the landing area

### PHASE 4

5:00 A.M.

#### Naval Attack

Naval bombardment on German defenses in the landing area begins

### PHASE 5

6:00 A.M.

#### Invasion

Allied troops begin landing at the beaches in Normandy

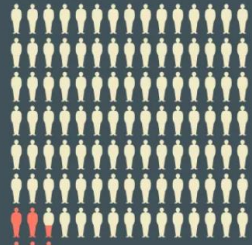
Commander of the Supreme Headquarters  
Allied Expeditionary Force  
**GENERAL DWIGHT D. EISENHOWER**

Originally planned for  
**MAY 1** and then **JUNE 5**  
but was delayed due to bad weather

### ALLIED INFANTRY TROOPS LANDED

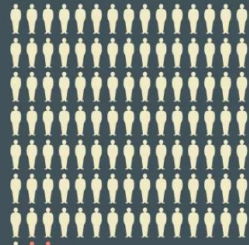
129,400  $\uparrow$  = 500

UNITED STATES  
54,000



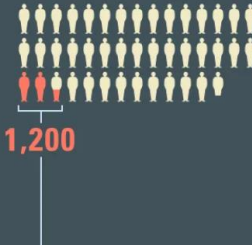
2,700

BRITAIN  
54,000



1,030

CANADA  
21,400



1,200

CASUALTIES  
4,930

BY JUNE 11  
approximately  
326,000 troops  
54,000 vehicles  
104,000 tons of supplies  
had landed

BY END OF JUNE  
approximately  
858,000 troops  
150,000 vehicles  
had landed

### ALLIED AIRBORNE TROOPS (includes 4,000 glider troops)

23,400  $\uparrow$  = 500



CASUALTIES  
3,999

### APPROXIMATE NUMBER OF VEHICLES USED

3,000 landing craft

2,500 other ships

500 naval vessels

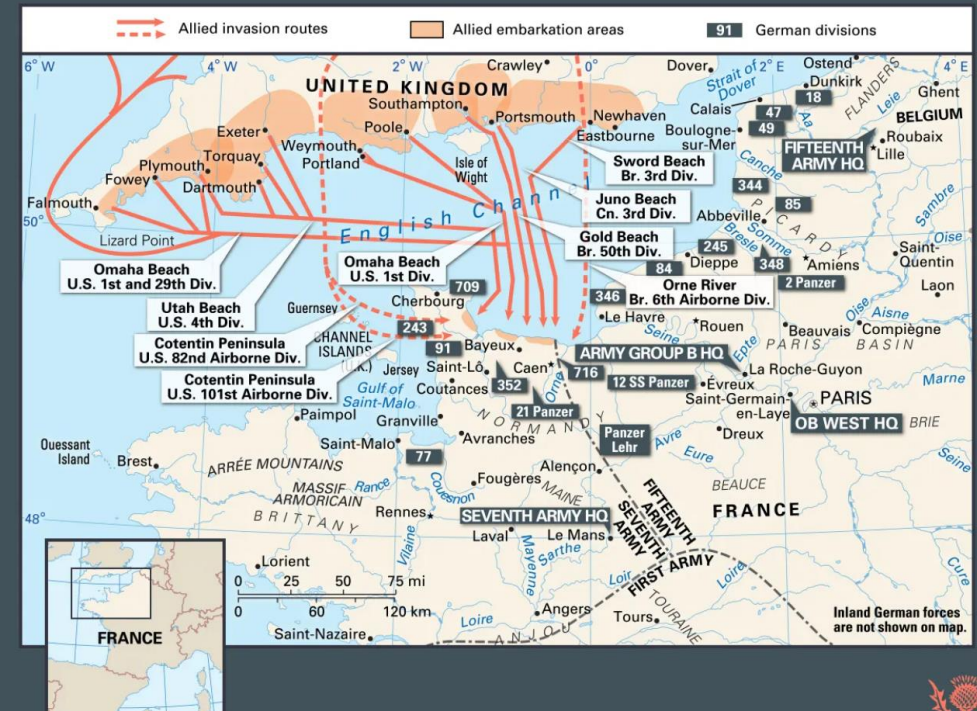
20,000 land vehicles

13,000 aircraft



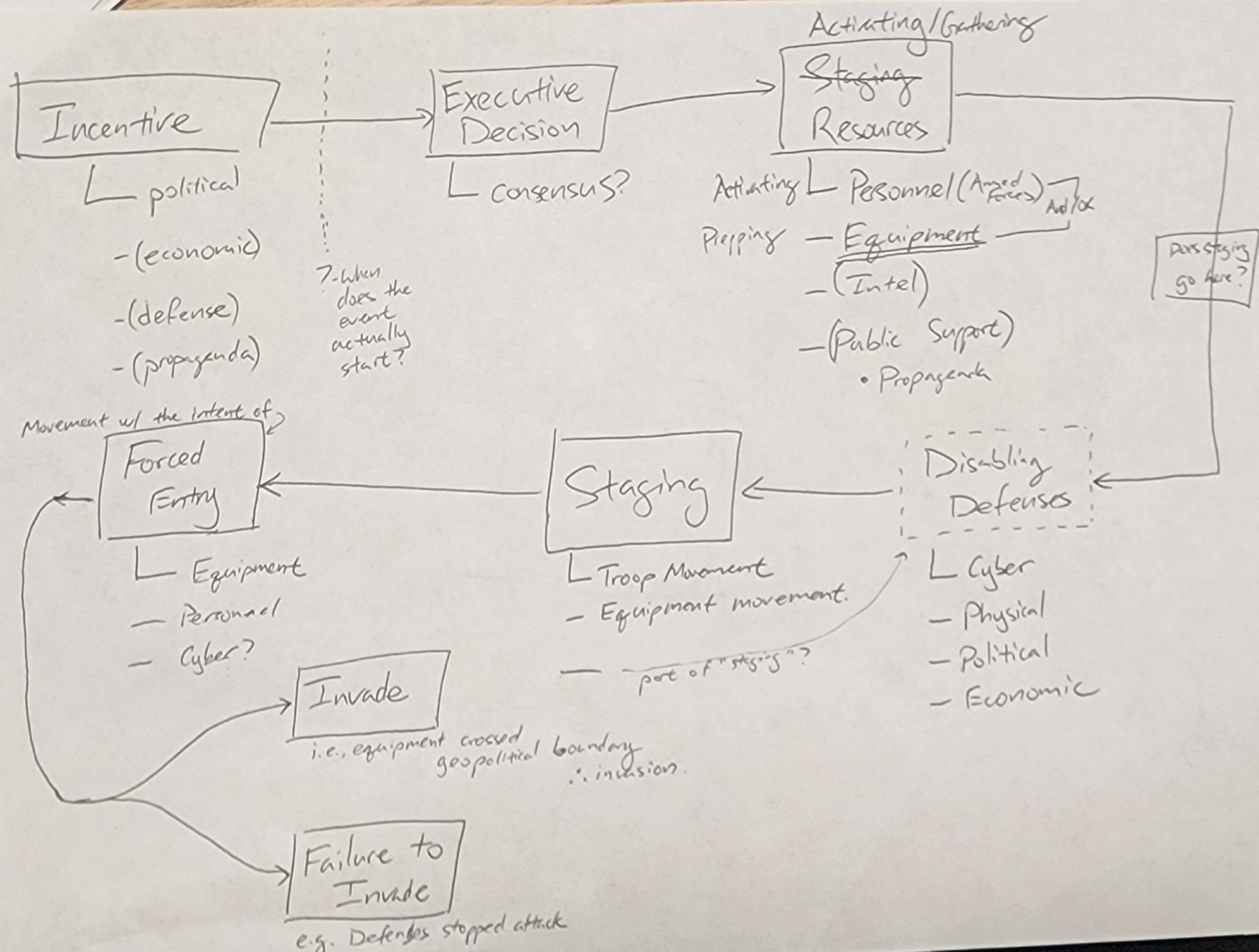
### NORMANDY COASTLINE

80 km (50 miles)

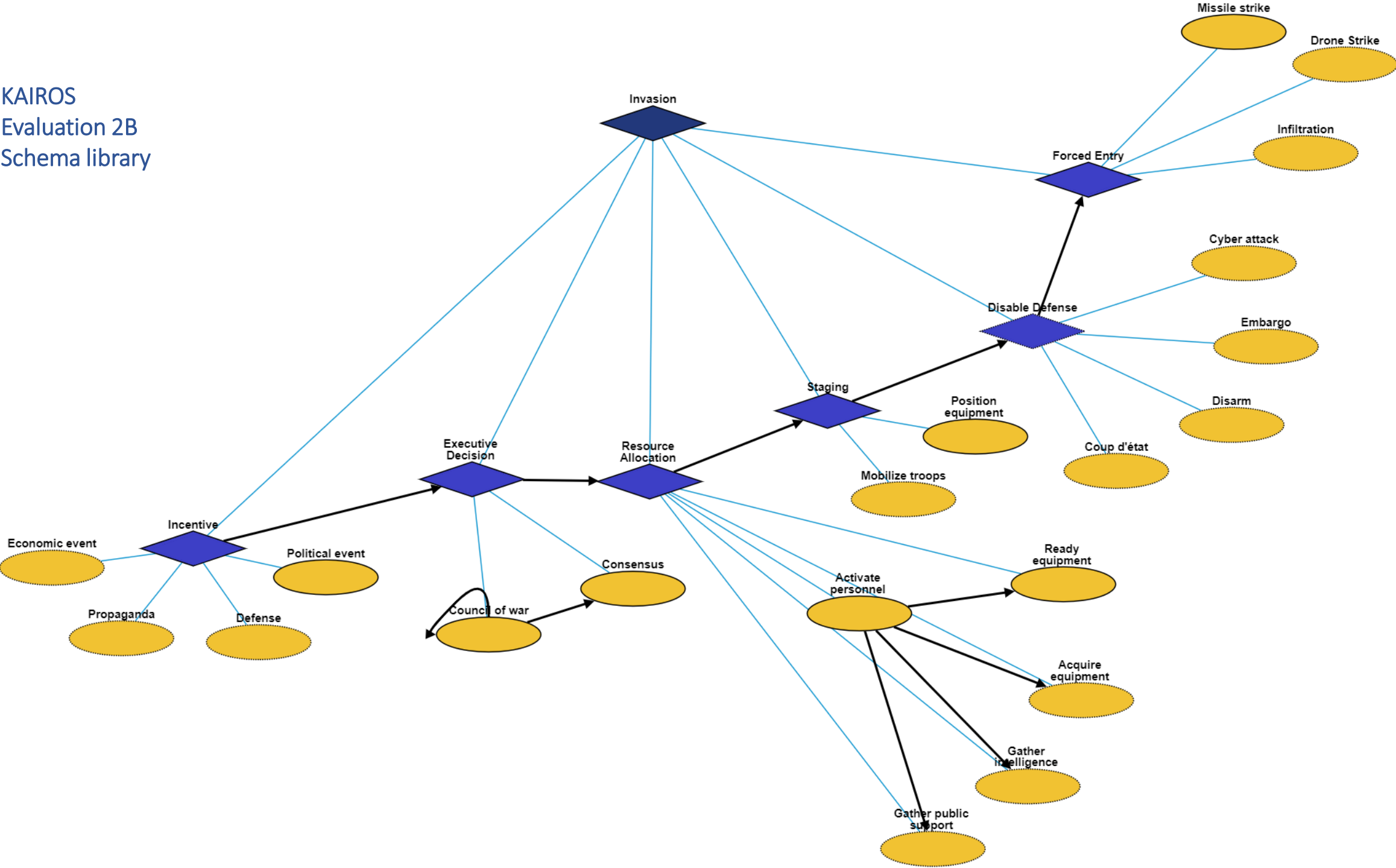


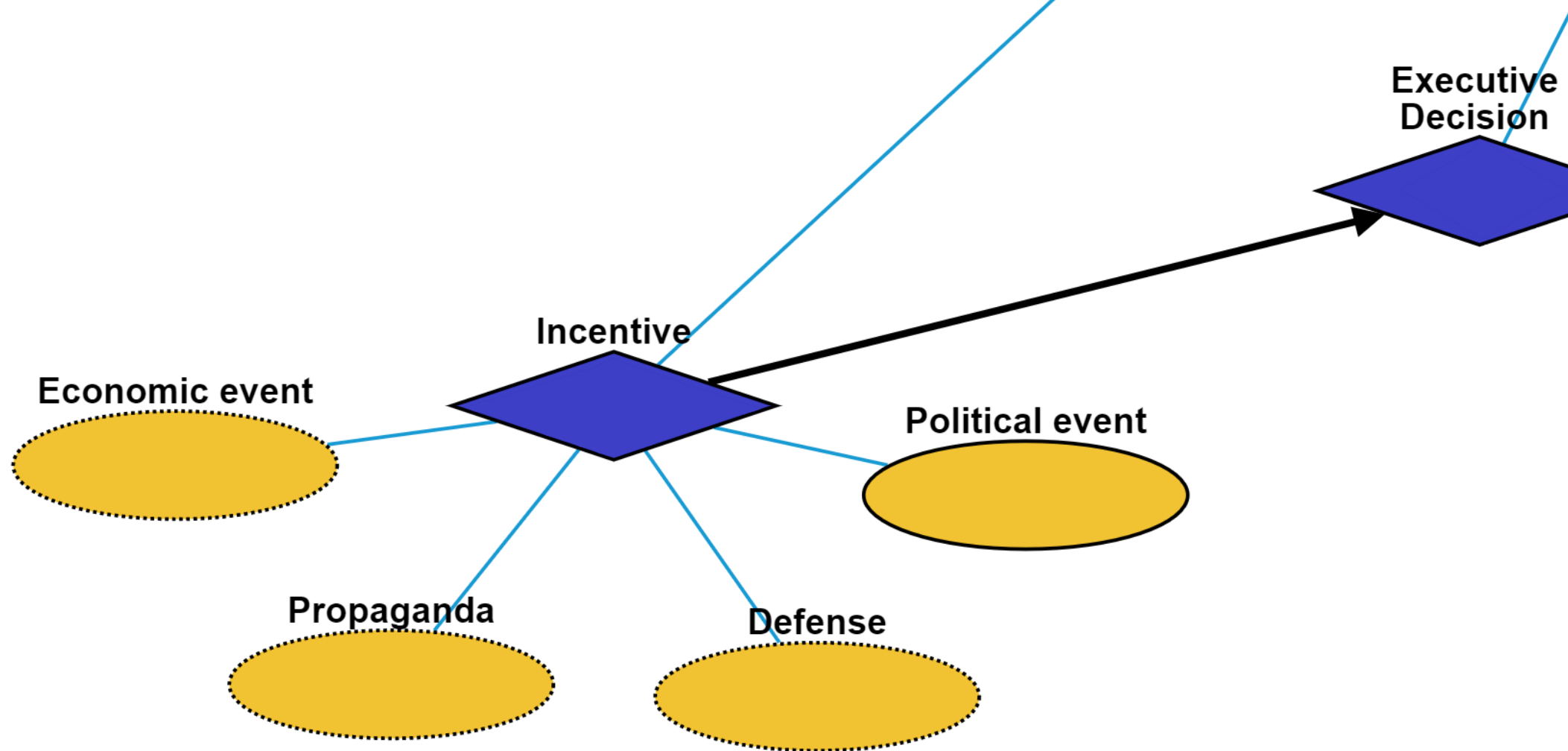


Defeated  
Treaty  
occupation



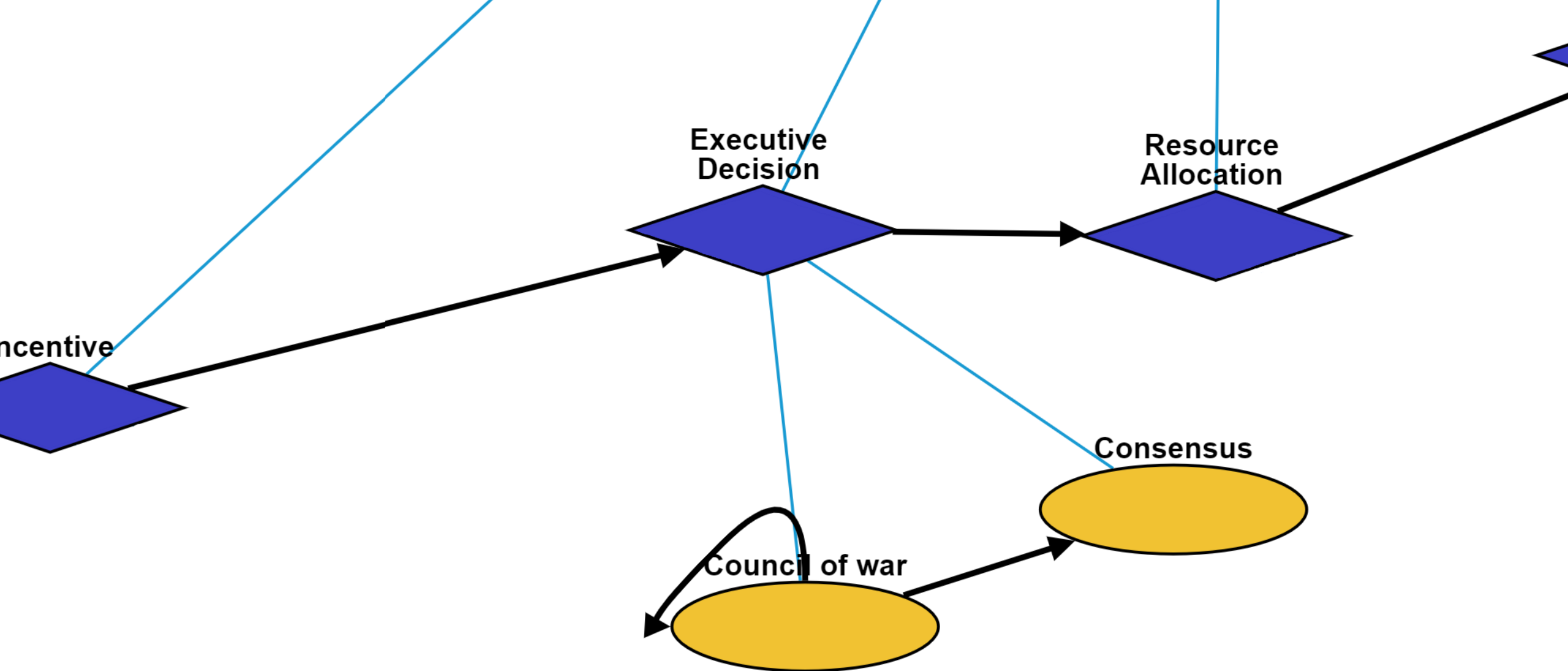
KAIROS  
Evaluation 2B  
Schema library



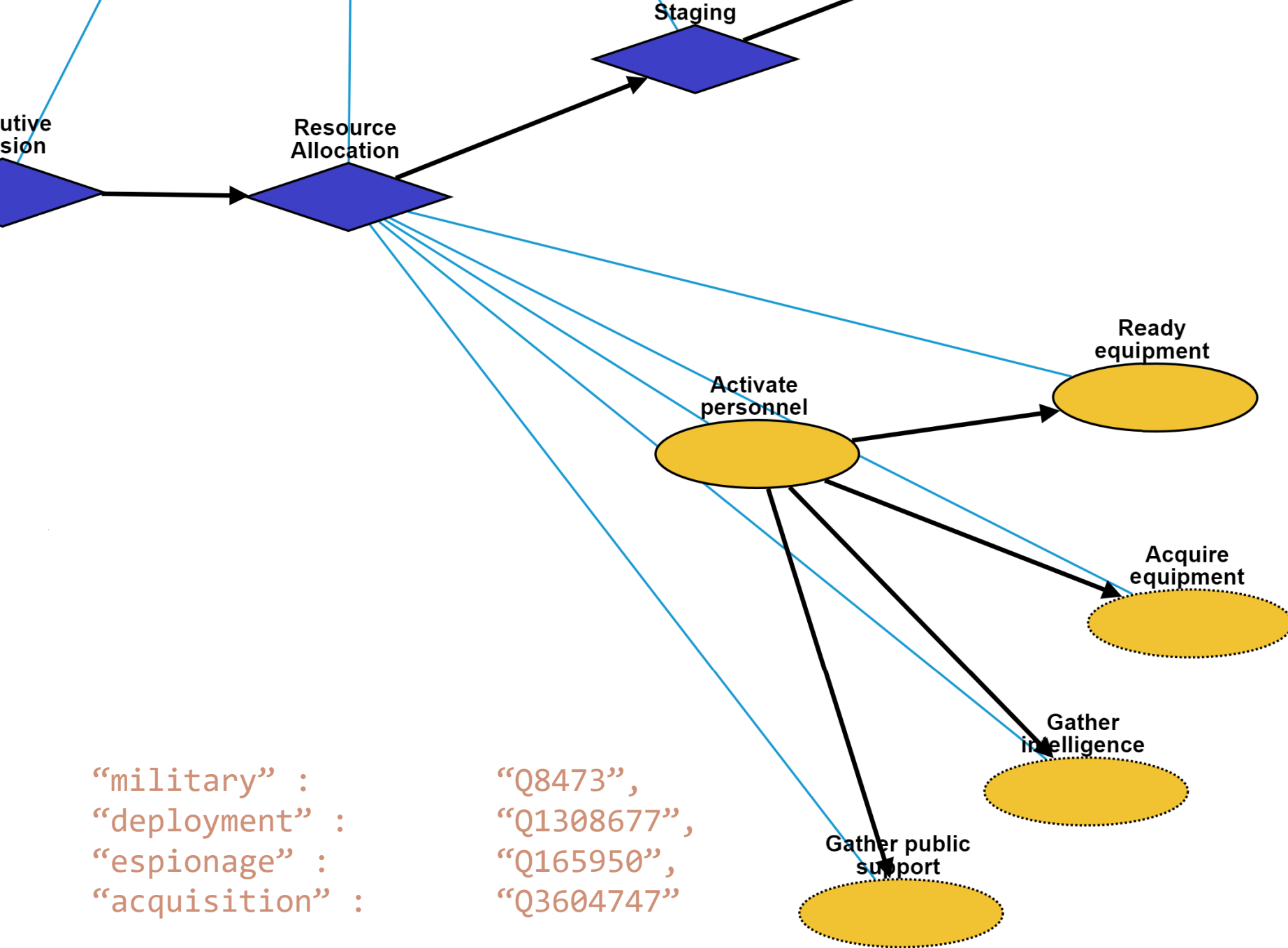


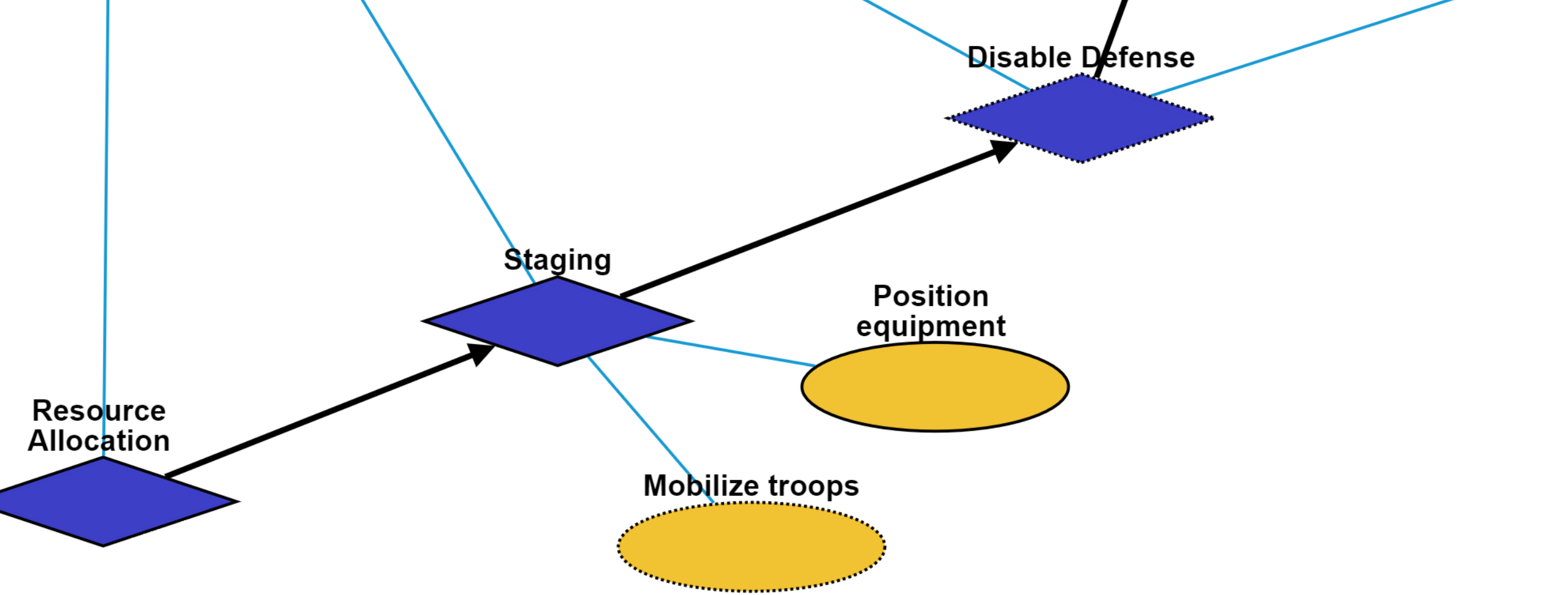
“incentive” : “Q7281”,  
“political event” : “Q30111082”,  
“rare disaster” : “Q7294538”,  
“propaganda” : “Q7281”,  
“defense” : “Q1985622”





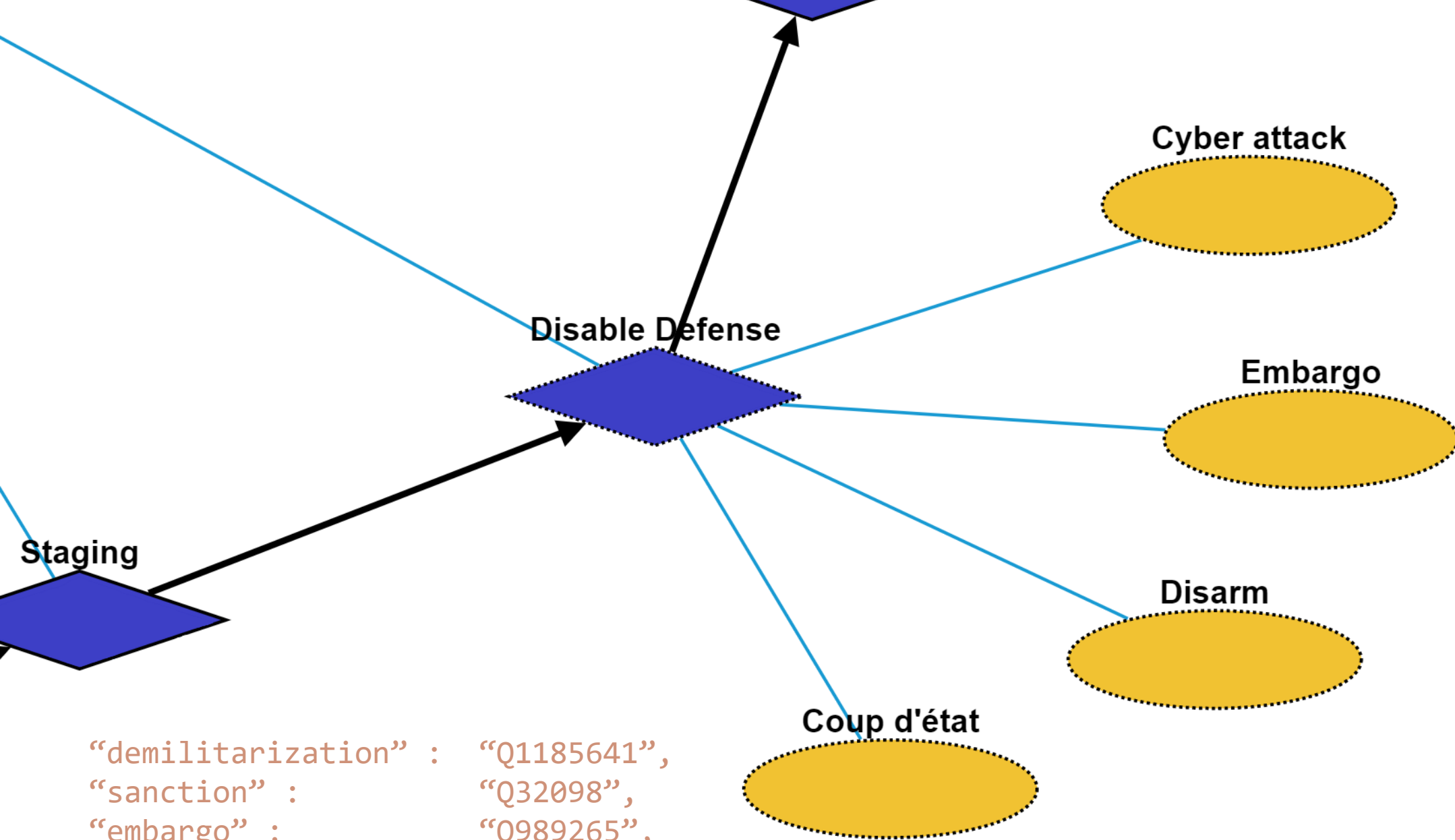
“decision” : “Q16513426”,  
“council of war” : “Q2574878”,  
“consensus” : “Q202722”





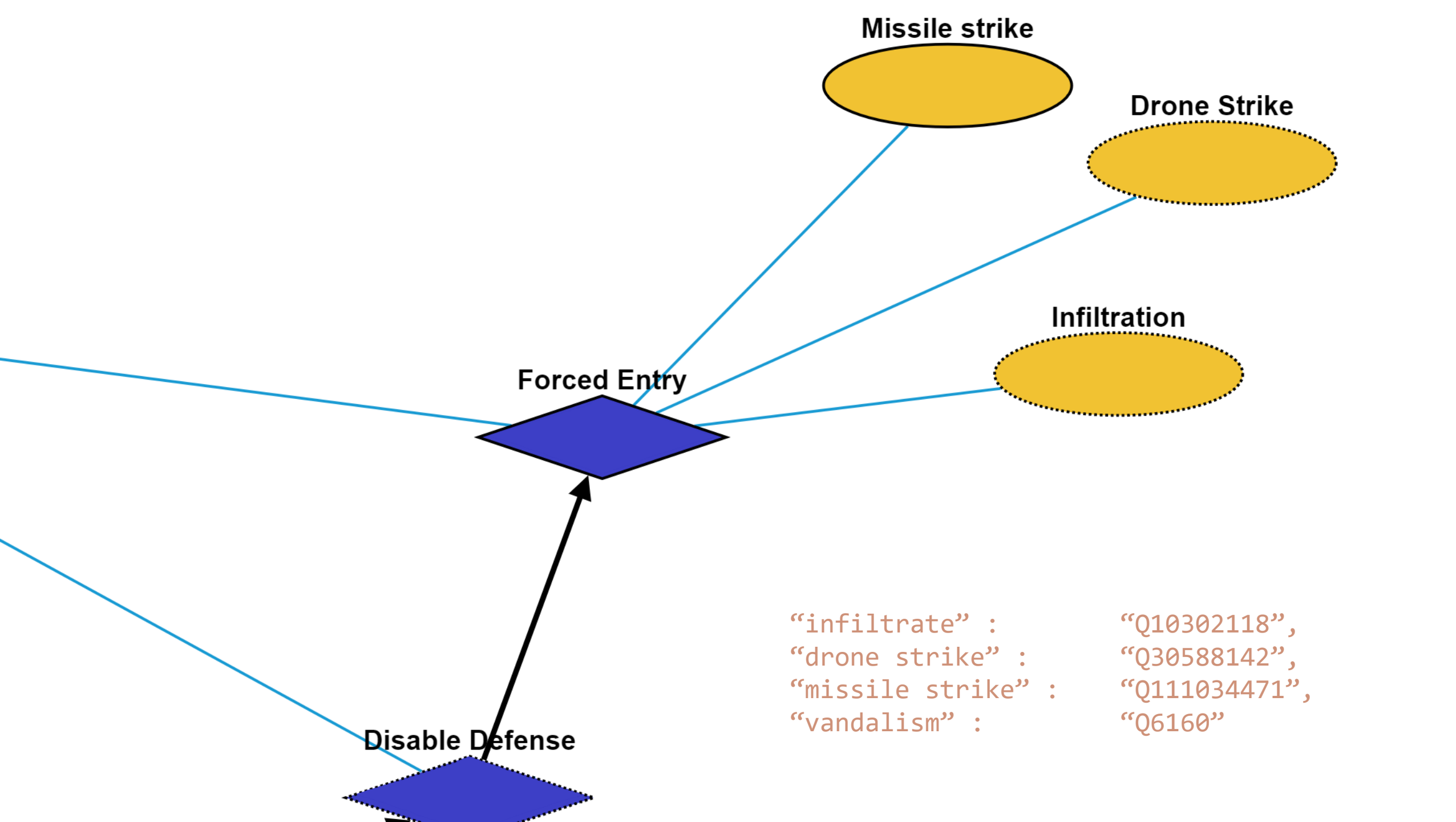
“transport” :  
“deployment” :

“Q7590”,  
“Q1308677”



“demilitarization” : “Q1185641”,  
“sanction” : “Q32098”,  
“embargo” : “Q989265”,  
“cyber attack” : “Q4071928”,  
“coup d'état” : “Q45382”





# Patient Characteristics – Event

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"@id": "resin:Events/10001/Steps_kairos:Container:1",
"name": "Patient Characteristics",
"description": "Process during which something comes into being and gains its characteristics.",
"qnode": "wd:Q11398090",
"qlabel": "creation",
"minDuration": "",
"maxDuration": "",
"goal": "",
"ta1explanation": "Process during which something comes into being and gains its characteristics.",
"privateData": {
  "template": "",
  "repeatable": false,
  "importance": 1
},
"participants": [0],
"children": [2]
```

# Patient Characteristics – Event

```
"@id": "resin:Events/10001/Steps_kairos:Container:1",
"name": "Patient Characteristics",
"description": "Process during which something comes into being and gains its characteristics.",
"qnode": "wd:Q11398090",
"qlabel": "creation",
"minDuration": "",
"maxDuration": "",
"goal": "",
"ta1explanation": "Process during which something comes into being and gains its characteristics.",
"privateData": {
  "template": "",
  "repeatable": false,
  "importance": 1
},
"participants": [0],
"children": [
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    "optional": true,
    "importance": 1,
    "outlinks": []
  },
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    "comment": "Achieves_age",
    "optional": true,
    "importance": 1,
    "outlinks": []
  }
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# Patient Characteristics – Event Children

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"participants": [
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    "roleName": "A1_ppt__gender",
    "entity": "Entities/00000/"
  },
  {
    "@id": "Participants/200051/Participant",
    "roleName": "A1_ppt__gender",
    "entity": "Entities/00013/"
  }
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  "template": "",
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```

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"description": "Achieves age",
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"qlabel": "Age of a person",
"participants": [
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    "@id": "Participants/20002/Participant",
    "roleName": "A1_ppt__age",
    "entity": "Entities/00000/"
  },
  {
    "@id": "Participants/200052/Participant",
    "roleName": "A1_ppt__age",
    "entity": "Entities/00014/"
  }
],
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"privateData": {
  "@type": "",
  "template": "",
  "repeatable": false
}
```



# Patient Characteristics – Event Entities & Relations

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"entities": [  
  {  
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    "name": "Patient",  
    "qnode": "wd:Q215627",  
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  },  
  {  
    "@id": "Entities/00013/",  
    "name": "Gender",  
    "qnode": "wd:Q48277",  
    "qlabel": "Gender"  
  },  
  {  
    "@id": "Entities/00014/",  
    "name": "Age",  
    "qnode": "wd:Q185836",  
    "qlabel": "Age of a person"  
  },  
],
```

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"relations": [  
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    "relationObject": "Entities/00013/",  
    "@id": "Relations/30000/"  
  },  
  {  
    "name": "has quantity",  
    "relationSubject": "Entities/00000/",  
    "relationPredicate": "wd:P1114",  
    "relationObject": "Entities/00014/",  
    "@id": "Relations/30001/"  
  }  
]
```