

Disjunctive AMR 1.0

Annotation guidelines and examples

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Part I: Introduction to Disjunctive AMR

Currently in AMR 1.0, we can generate some number of sentence realizations for a regular AMR, but we will miss many other sentences that are semantically equivalent, because AMR 1.0 is shallow and close to English in many respects. The solution is to build an AMR that can capture all possible realizations of the meaning of a source sentence. This will be described in this document as AMR 1.0 with disjunction, the “Disjunctive AMR”.

Disjunctive AMR, in the spirit of simple AMR, captures “who is doing what to who” in a sentence. Each sentence is represented as a **single rooted, directed, acyclic graph** with labels on edges (relations) and leaves (concepts).

Disjunctive AMR enables the annotator to represent:

- different ways of expressing the same content;
- different interpretations by providing alternative representations thus having a role of meaning disambiguation.

A disjunctive AMR can accommodate multiple simple AMRs.

The combinatorial effect: a disjunctive AMR ensures that each disjunctive representation of a concept gets combined with all the other disjunctive representations of equivalent concepts from the same source sentence.

Disjunctive AMR has the same limitations as simple AMR (focus on English, no universal quantification, no syntactic flavor, etc).

Disjunctive AMRs are like simple AMRs in all respects but two:

- Disjunctive AMRs are more explicit at lexical level than simple AMRs: they enumerate disjunctively how concepts and verb-frames can be instantiated in natural language sentences. The enumeration strives to be exhaustive and encompass all acceptable meanings.
- Disjunctive AMRs are more comprehensive than regular AMRs: they enumerate disjunctively all the meaning equivalents of a given sentence.

Part II: The Syntax of Disjunctive AMR

The syntax of a disjunctive AMR is based on the existing syntax of a simple AMR, making use of the same concepts and roles, adding just 2 new elements:

The ***OR*** operator:

To be able to accommodate the disjunctive enumeration of concepts, a disjunctive AMR makes use of a special operator ***OR***. This operator can root all the possible meaning equivalents of the source words into AMR concepts. These meaning equivalents are represented with the help of **:opx** roles already available from the syntax of simple AMR. When rooted in an ***OR*** concept, the **:opx** represent concepts equivalent in meaning.

For example, if we want to represent the set of meaning equivalents of the source word “earthquake” from the source sentence: *“The economic impact of the **earthquake** and the tsunami , as well as the consequences of the accident at the Fukushima nuclear reactor , **will lead to recession**”* we will capture it as follows:

(o / ***OR***

:op1 (e / earthquake)

:op2 (q / quake)

:op3 (s / seism)

:op4 (t / temblor)

:op5 (s2 / shock

:mod seismic))

The disjunctive ***OR*** subsumes all the acceptable meaning equivalents of the word “earthquake”, which in the context of this sentence can be realized as follows: “quake”, “seism”, “temblor”, and “seismic shock”.

The alternative realizations of the source sentence above with respect to the possible meaning equivalents of the source word “earthquake” are the following:

- *The economic impact of the **quake** and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will lead to recession.*
- *The economic impact of the **seism** and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will lead to recession.*
- *The economic impact of the **temblor** and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will lead to recession.*
- *The economic impact of the **seismic shock** and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will lead to recession.*

The indentation of the disjunctive AMR is identical to that of the simple AMR so that it is easy to compare the correspondences between the constructs used by the disjunctive- and simple AMR.

Similarly, if we want to represent in AMR the event “lead” rooted in a single disjunctive *OR*, we can represent it as follows:

(o / *OR*

:op1 (l / lead-03)

:op2 (r / result-01)

:op3 (c2 / cause-01)

:op4 (c3 / contribute-01)

:op5 (g / generate-01)

:op6 (b / bring-05)

:op7 (p / prompt-02)

:op8 (i / induce-01))

The disjunctive *OR* subsumes all the acceptable meaning equivalents of lead-03 in the context of this sentence: “lead to”, “result in”, “cause”, “contribute to”, “generate”, “bring about”, “prompt” and “induce”.

The sentences that can be read off the above disjunctive AMR representation are:

- *The economic impact of the earthquake and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will result in recession.*
- *The economic impact of the earthquake and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will cause a recession.*
- *The economic impact of the earthquake and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will generate a recession.*
- *The economic impact of the earthquake and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will induce recession.*
- *The economic impact of the earthquake and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will bring about a recession.*
- *The economic impact of the earthquake and the tsunami, as well as the consequences of the accident at the Fukushima nuclear reactor, will induce a recession.*

The :OR role:

The :OR role is created for the disjunctive AMR in particular and it enables the annotator to build meaning equivalents which require different roles, without having to reconstruct the parent root. To some extent, it works similarly to the disjunctive operator *OR*, allowing the annotator to represent several possible alternatives. The difference is that these require mutually exclusive roles in AMR. The :OR role always needs to have an *OR* concept in order to correctly represent different constructions equivalent in meaning.

Starting from the following sentence: “*The United States and Iran held on May 28th their first high - level official talks, since breaking diplomatic relations in 1980.*”, if we want to translate the construction “official talks” to a disjunctive AMR, we can represent it as follows:

<pre> (o4 / *OR* :op1 (t2 / talk-01) :op2 (m / meet-03) :op3 (d2 / discuss-01) :op4 (d3 / dialogue-00) :op5 (c2 / converse-01) :op6 (d7 / discourse-01) :op7 (n10 / negotiate-01) :OR (o16 / *OR* :mod (o14 / *OR* :op1 (o15 / official) :op2 (a3 / authoritative)) :ARG1-of (s5 / sanction-01 :ARG0 (s6 / state)))) </pre>	<p>The word “talks” can be translated to disjunctive AMR by using the OntoNotes verb frames: talk-01, meet-03, discuss-01, converse-01, discourse-01, negotiate-01 and dialogue-00; dialogue-00 has no OntoNotes mapping but is true to the AMR representation of predicate senses with no OntoNotes mapping. All these represent the meaning equivalents for the source concepts.</p> <p>We can represent the concept “official” by using 2 different synonyms: “official” or “authoritative”. These require a :mod role to be correctly linked to the o4 *OR*(which represents the meaning equivalents of “talks”). We can also represent “official talks” as: “talks sanctioned by the state” or “state sanctioned talks”. In order to correctly represent this latter choice, which requires to be linked to the same disjunctive *OR* (o4), we introduce the role :arg1-of and link it to the verb frame “sanction-01”.</p> <p>To accommodate 2 different roles: the :mod and the :arg1-of, under the same root o4, we need to link them to an :OR role. This :OR role hosts an *OR* concept that helps us avoid having to rebuild the o4 with the 7 :op(s) all over again.</p> <p>In this situation both :opx of the :mod o14 and the :arg1-of s5 hosting the concept sanction-01 will be combined with the 7 :op(s) of the o4 *OR*.</p> <p>The disjunctive AMR representation rooted in o4 contains 21 regular AMRs.</p>
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Some of the sentences that can be read off from the disjunctive representation of the word “talks” can be expressed as follows:

- *“The United States and Iran held on May 28th their first high - level official meetings, since breaking diplomatic relations in 1980.”*
- *“The United States and Iran held on May 28th their first high - level official negotiations, since breaking diplomatic relations in 1980.”*
- *“The United States and Iran held on May 28th their first high - level official discussions, since breaking diplomatic relations in 1980.”*
- *“The United States and Iran held on May 28th their first high - level state-sanctioned talks, since breaking diplomatic relations in 1980.”*

Part III: Annotation Guidelines

Building Disjunctive AMR

Working method: Bottom-up

This annotation method consists of annotating concepts and relations in a disjunctive manner, initially at a very granular level. The next step is to build meaning equivalents by reusing and combining previously created annotations into bigger and bigger units of meaning, with the goal to capture all possible correct alternative annotations for a source sentence. The “bottom-up method” stays true to the regular AMR syntax and makes extensive use of the *OR* operator and the :OR role, as exemplified below.

Steps of the bottom-up:

1. The first step in a bottom-up approach is to start representing disjunctively the main event in the sentence with all its possible meaning equivalents.
2. Step 2 consists of representing all concepts from the source sentence disjunctively.
3. At step 3, the annotator can proceed to link all previously built individual constructions in a single AMR structure.

Note: For more advanced annotators, it is more efficient to build the disjunctive AMR by linking new concepts/objects to the main event concept as the annotator creates them in a disjunctive manner.

The Economy of Effort:

For maximum efficiency, the annotator should strive to build the AMR as disjunctively as possible from the very beginning with the help of the *OR* operator and :OR role. The annotator can at any point add synonyms to a disjunctive construction but the easiest way of annotation is to try to be as exhaustive as possible when building a granular concept.

Representing alternative constructions that share the same argument structure:

The annotator should link core or non-core roles to the highest root possible that accommodates different meaning equivalents on different :opx so that these get “combined” with all the :opx that share the same argument structure. This saves time by not having to repeat the same construct.

For example, if the annotator represents different ways of realizing the construction “held talks” from the sentence “The United States and Iran **held** on May 28th their first high - level official **talks**, since breaking diplomatic relations in 1980”, he can build the following disjunctive constructions using 2 different :opx.

The source word “held” can be represented in disjunctive AMR using the concepts: hold-04, convene-01, conduct-01 rooted in a **:op1 (o19 / *OR*)**. All of these ON predicate senses share the same argument structure. This is why the annotator can construct the disjunctive representation of the word “talks” using the concepts: talk-01, meet-03, discuss-01, dialogue-00, converse-01, conference, summit,

discourse-01, negotiate-01 and link it to the root o19 of the disjunctive representation of “held” using an :arg1 role, which represent the “thing held/conducted/convened”.

The same construction “held talks” could be realized simply as “The United States and Iran **talked/met/discussed** on May 28th officially, at high – level, for the first time since breaking diplomatic relations in 1980” as an :op2 rooted in the same (o / *OR*).

Given the fact that both constructions rooted in o13 and o19 share the same agent, in the spirit of the economy of effort, the role :arg0 (“the US and Iran”) is linked to the parent root (o / *OR*) and thus gets combined with both **:op1 (o19 / *OR)** and **:op2 (o13 / *OR*)**. There is no need to link the :arg0 to :op1 and then add link it to :op2 as a variable. Doing so is not wrong, but it may be more time consuming.

(o / *OR*

```
:op1 (o19 / *OR* :op1 (h / hold-04) :op2 (c / convene-01) :op3 (c6 / conduct-01)
      :ARG1 (o4 / *OR* :op1 (t2 / talk-01) :op2 (m / meet-03) :op3 (d2 / discuss-01) :op4 (d3 /
dialogue-00) :op5 (c2 / converse-01) :op6 (c3 / conference) :op7 (s / summit) :op8 (d7 / discourse-
01) :op9 (n10 / negotiate-01)
      :op2 (o13 / *OR* :op1 (t / talk-01) :op2 (m2 / meet-03) :op3 (d8 / discuss-01) :op4 (c9 / converse-
01) :op5 (d10 / discourse-01)
      :ARG0 (a / and
      :op1 (o2 / *OR*
      :op1 (c12 / country :name (n / name :op1 "Iran"))
      :op2 (c13 / country :name (n3 / name :op2 "Islamic" :op3 "Republic" :op4 "of" :op5 "Iran")))
      :op2 (o3 / *OR*
      :op1 (c14 / country :name (n2 / name :op1 "US"))
      :op2 (c21 / country :name (n4 / name :op1 "USA"))
      :op3 (c25 / country :name (n9 / name :op1 "U.S.A"))
      :op4 (c22 / country :name (n7 / name :op1 "United" :op2 "States"))
      :op5 (c24 / country :name (n6 / name :op1 "United" :op2 "States" :op3 "of" :op4 "America"))
      :op6 (c23 / country :name (n8 / name :op1 "U.S.))
      :op7 (c26 / country :name (n5 / name :op1 "America"))))
```

Representing constructions that do not share the same argument structure:

When building disjunctive constructs, the annotator can be faced with meaning equivalents that do not share the same argument structure indicated in the OntoNotes frames. In this situation, the annotator should ensure that the disjunctive AMR constructs get split on different disjunctive :opx so as to be able to correctly accommodate the different argument structures requested by the OntoNotes frames.

The annotator has to make sure that the concepts are build on one of the :opx and then use the variable of the construct to host it on a different :opx, this time using a different required role. The annotator has

to stay true to the syntax of the AMR and fully respect the OntoNotes argument structure of the verb frames whenever building a disjunctive AMR.

In the following sentence *“But the drop did not prevail over the entire market”*, the annotator can represent the source word “prevail” by making use of the following concepts: prevail-02, hold-11 which only have one role :arg1 (thing prevailing, holding) while the possible alternative concepts - equivalent in meaning: rule-03, dominate-01, conquer-01, affect-01, reign-01, persist-01, carry-04, overcome-01 all have the same argument structure (arg0 and an :arg1) but these 2 roles differ from the first 2 alternatives. For prevail-02 and hold-11 hosted on an **:op1 (o3 / *OR*)**, the disjunctive concept “drop-01” plays a role of :arg1 while for the second disjunctive concept rooted in **:op2 (o / *OR*)**, “drop-01” can be considered the agent (:arg0) that “dominates” the “market”(:arg1). As seen in the example below, the annotator has only built the disjunctive construct “drop-01” once and has reused it via a variable.

```

:op1 (o6 / *OR*
  :op1 (o3 / *OR* :op1 (p / prevail-02) :op2 (h / hold-11)
    :ARG1 o8
    :OR (o7 / *OR*
      :prep-over o4
      :prep-throughout o4))
  :op2 (o / *OR* :op2 (r / rule-03) :op3 (d / dominate-01) :op4 (c2 / conquer-01) :op5 (a /
affect-01) :op6 (r2 / reign-01) :op7 (p2 / persist-01) :op9 (c3 / carry-04) :op10 (o2 / overcome-
01)
    :ARG0 (o8 / *OR* :op1 (d2 / drop-01) :op2 (d3 / decrease-01) :op3 (r3 / reduce-
01) :op4 (d4 / downturn-00) :op5 (d5 / decline-01) :op6 (s / slump-01) :op7 (d6 / descend-
01) :op8 (p3 / plunge-01) :op9 (p4 / plummet-01) :op10 (d7 / dwindle-01) :op11 (s2 / slacken-
01) :op12 (s3 / sink-01) :op13 (f / fall-01))
    :ARG1 (o4 / *OR* :op1 (m / market) :op2 (m2 / marketplace) :op3 (t / trade) :op4 (c4 /
commerce)
      :mod (o5 / *OR* :op1 (w / whole) :op2 (e / entire) :op3 (a2 / all))))
  :polarity -))

```

Representing constructions that do not share the same sub-structure:

In order to correctly represent sub-structures which require different roles that are incompatible, the disjunctive AMR makes use of the :OR role. The annotator may have to build a construct that can accommodate a “zero sub-structure” as an alternative to a construct with a sub-structure. In such a situation, the annotator has to create 2 instances of the concept on 2 different :opx: one without a sub-structure and one that has a sub-structure.

For example, if the annotator has to represent the possible realization of “monthly” from the following sentence: “It said that Damascus supports a network that sends between 50 to 80 suicide bombers **monthly** to " al - Qaeda " in Iraq”, the annotator has to represent the word “month” twice on 2 different :opx.

On :op1 rooted in **m** we have the concept “monthly”, which does not require any sub-structure and on :op2 we have the disjunctive representation of “month”, which requires a sub-structure with 2 : mod “every” and “each”.

```
:time (o7 / *OR*
      :op1 (m / monthly)
      :op2 (m2 / month
            :mod (o8 / *OR* :op1 (e3 / every) :op2 (e4 / each))))
```

Representing Named Entities in Disjunctive AMR:

To represent a named entity that has possible alternative concepts in a disjunctive construction, the annotator has to root the entire representation in a disjunctive *OR* and ensure that each concept is represented under an :op. The concept of that named entity :op has to be indicated on each branch of :opx.

For example, if the annotator has to represent the following disjunctive AMR “The United States and Iran”, the concept “country” should be created for every :op:

```
(a / and
  :op1 (o2 / *OR*
        :op1 (c12 / country :name (n / name :op1 "Iran"))
        :op2 (c13 / country :name (n3 / name :op2 "Islamic" :op3 "Republic" :op4 "of" :op5 "Iran")))
  :op2 (o3 / *OR*
        :op1 (c14 / country :name (n2 / name :op1 "US"))
        :op2 (c21 / country :name (n4 / name :op1 "USA"))
        :op3 (c25 / country :name (n9 / name :op1 "U.S.A"))
        :op4 (c22 / country :name (n7 / name :op1 "United" :op2 "States"))
        :op5 (c24 / country :name (n6 / name :op1 "United" :op2 "States" :op3 "of" :op4 "America"))
        :op6 (c23 / country :name (n8 / name :op1 "U.S.))
        :op7 (c26 / country :name (n5 / name :op1 "America"))))
```

The disjunctive AMR handles the coordinating conjunction “and” similar to the regular AMR making use of 2 :opx (:op1 rooted in o2 and :op2 rooted in o3). On the :op1 (o2 / *OR*), the source word “Iran” is represented with the help of 2 :opx, on :op1 (c12 /) as a country named Iran, and as an :op2 (c13 / *OR*) as a country named “Islamic Republic of Iran” – both correct realizations for the source word.

The same principle is used when representing all the possible realizations of the source words “The United States” which has 7 possible alternatives each rooted in separate :opx, with the concept “country” and the regular AMR syntax for representing named entities. The realizations of :op2 (o3 / *OR*) can be: “The US”, “The USA”, “The U.S.A.”, “The United States of America”, “The United States”, “the U.S.” and “America”.

Support for this type of annotation: annotator creativity, thesauruses and dictionaries are a good source of inspiration.

Part IV: 26 Disjunctive AMRs

1. This season 's ice sheet has melted earlier .

(o / *OR*
:op1 (m / melt-01)
:op2 (t / thaw-01)
:op3 (l / liquefy-01)
:op4 (d / defrost-01)
:op5 (d2 / dissolve-01)
:op6 (d3 / deliquesce-00)
:op7 (v / vanish-01)
:op8 (d4 / diffuse-01)
:op9 (d5 / disappear-01)
:op10 (d6 / disintegrate-01)
:op11 (w2 / waste-01)
:op12 (g / go-13)
:ARG1 (o2 / *OR*
:op1 (s / sheet)
:op2 (p / plate)
:op3 (l2 / layer)
:op4 (t4 / thing
:ARG2-of (c / cover-02))
:op5 (s2 / stratum)
:op6 (s3 / slab)
:op7 (t7 / thing
:ARG2-of (c2 / coat-01))
:OR (o4 / *OR*
:consist-of (o3 / *OR*
:op1 (i / ice)
:op2 (w / water
:ARG1-of (f / freeze-01)))
:ARG1-of (f2 / freeze-01))
:mod (o5 / *OR*
:op1 (s4 / season)
:op2 (i2 / interval)
:op3 (t2 / time
:poss (y / year))
:op4 (p2 / period
:poss y)
:mod (t3 / this)))
:time (o7 / *OR*

```

:op1 (e / early
  :OR (o11 / *OR*
    :degree (o6 / *OR*
      :op1 (m2 / more)
      :op2 (m8 / more
        :compared-to (o12 / *OR*
          :op1 (e3 / expect-01)
          :op2 (a4 / anticipate-01)
          :op3 (u3 / usual)
          :op4 (n3 / normal)
          :op5 (a7 / accustom-01)
          :op6 (c3 / custom)
          :op7 (g2 / general)
          :op8 (e5 / experience-01
            :mod (n4 / normal))))))
    :mod (r / reasonable
      :polarity -))
:op2 (s5 / soon
  :degree (o13 / *OR*
    :op1 (m3 / more)
    :op2 (m5 / more
      :compared-to o12)))
:op3 (p3 / premature)
:op4 (a / already)
:op5 (b / before
  :op1 (t6 / time
    :OR (o9 / *OR*
      :mod (o8 / *OR*
        :op1 (o15 / *OR*
          :op1 (n / normal)
          :op2 (u / usual))
        :op2 (o10 / *OR*
          :op1 o15
          :poss o2))
      :ARG1-of (a5 / appoint-01))))
:op6 (i3 / in
  :op1 (a3 / advance))
:op7 (e2 / early)
:op8 (o16 / *OR*
  :op1 (a2 / ahead-of
    :op1 (t5 / time))
  :op2 (a6 / ahead-of

```

:op1 (t8 / time)
:OR (o17 / *OR*
:degree (m6 / more)
:compared-to o12))))))

2. But the drop did not prevail over the entire market .

(c / contrast-01
:ARG2 (o6 / *OR*
:op1 (o3 / *OR*
:op1 (p / prevail-01)
:op2 (h / hold-03)
:ARG1 o8
:ARG2 o4)
:op2 (o / *OR*
:op1 (r / rule-03)
:op2 (d / dominate-01)
:op3 (c2 / conquer-01)
:op4 (a / affect-01)
:op5 (r2 / reign-01)
:op6 (p2 / persist-01)
:op7 (c3 / carry-04)
:op8 (o2 / overcome-01)
:ARG0 (o8 / *OR*
:op1 (d2 / drop-01)
:op2 (d3 / decrease-01)
:op3 (r3 / reduce-01)
:op4 (d4 / downturn-00)
:op5 (d5 / decline-01)
:op6 (s / slump-01)
:op7 (d6 / descend-01)
:op8 (p3 / plunge-01)
:op9 (p4 / plummet-01)
:op10 (d7 / dwindle-01)
:op11 (s2 / slacken-01)
:op12 (s3 / sink-01)
:op13 (f / fall-01))
:ARG1 (o4 / *OR*
:op1 (m / market)
:op2 (m2 / marketplace)
:op3 (t / trade)
:op4 (c4 / commerce)
:mod (o5 / *OR*

:op1 (w / whole)
:op2 (e / entire)
:op3 (a2 / all)))
:polarity -))

3. The list of freed captives included 6 women and 11 minors .

(o8 / *OR*
:op1 (i / include-01
:ARG1 (a / and
:op1 (o9 / *OR*
:op1 (w / woman)
:op2 (f2 / female)
:op3 (f3 / female
:mod (a4 / adult))
:quant 6)
:op2 (o4 / *OR*
:op1 (m / minor)
:op2 (o5 / *OR*
:op1 (p4 / person)
:op2 (i5 / individual)
:OR (o7 / *OR*
:ARG1-of (a2 / age-01
:ARG2 (u / under
:op1 (o6 / *OR*
:op1 (t / temporal-quantity
:unit (y / year)
:quant 18)
:op2 (t2 / temporal-quantity
:quant 18)))
:mod (o10 / *OR*
:op1 (y2 / young
:degree (m2 / more)
:compared-to o6)
:op2 (y4 / young)))
:op3 (c3 / child)
:op4 (y3 / youth)
:op5 (y5 / youngster)
:op6 (j / juvenile)
:quant 11))
:ARG2 (o12 / *OR*
:op1 (a3 / account)

```

:op2 (l / list-01)
:consist-of (o2 / *OR*
:op1 (c2 / captive)
:op2 (p2 / person
:ARG1-of (o3 / *OR*
:op1 (i2 / imprison-01)
:op2 (i3 / incarcerate-01)
:op3 (p5 / prison-00)
:op4 (d / detain-01)))
:ARG1-of (o / *OR*
:op1 (f / free-01)
:op2 (l2 / liberate-01)
:op3 (r / release-01)
:op4 (e / emancipate-01)
:op5 (d2 / discharge-01)
:op6 (l5 / let-01
:ARG1 (g / go-01))))))
:op2 (c5 / contain-01
:ARG0 o12
:ARG1 a)
:op3 (l3 / list-01
:ARG1 a
:ARG2 (l4 / list
:consist-of o2))
:op4 (o11 / *OR*
:op1 (c / comprise-01)
:op6 (c4 / consist-01)
:ARG1 o12
:ARG2 a)
:op5 (s / subsume-01
:ARG1 a
:ARG2 o12))

```

4. This new strain of genetically modified potatoes has been developed by BASF Group , a giant German chemical company .

```

(o / *OR*
:op1 (d / develop-02)
:op2 (b / breed-01)
:op3 (c / cultivate-01)
:op4 (g / grow-03)
:op5 (c2 / create-01)

```

:op6 (a / advance-01)
 :op7 (r / realize-02)
 :op8 (g2 / generate-01)
 :op9 (b2 / bring-05)
 :ARG0 (o2 / *OR*
 :op1 (c3 / company
 :name (n3 / name
 :op1 "BASF"
 :op2 "Group"))
 :op2 (b3 / business
 :name n3)
 :op3 (c6 / corporation
 :name n3)
 :op4 (e / enterprise
 :name n3)
 :op5 (f / firm
 :name n3)
 :ARG0-of (o4 / *OR*
 :op1 (m / manufacture-01)
 :op2 (w / work-01)
 :op3 (p / produce-01))
 :OR (o3 / *OR*
 :mod (c4 / country
 :name (n / name
 :op1 "Germany"))
 :ARG1-of (b4 / base-01
 :location (c5 / country
 :name (n2 / name
 :op1 "Germany"))))
 :mod (o5 / *OR*
 :op1 (l / large
 :degree (v2 / very))
 :op2 (h / huge)
 :op3 (g3 / giant)
 :op4 (h2 / humongous)
 :op5 (c7 / colossal)
 :op6 (m2 / mammoth)
 :op7 (g4 / gigantic)
 :op8 (i / immense)
 :op9 (e2 / enormous)
 :op10 (v / vast)
 :op11 (e3 / expansive)

```

:op12 (p2 / powerful)))
:ARG1 (o6 / *OR*
:op1 (p3 / potato)
:op2 (s / spud)
:OR (o10 / *OR*
:ARG1-of (o7 / *OR*
:op1 (m3 / modify-01)
:op2 (a2 / alter-01)
:op3 (a3 / adapt-01)
:op4 (e4 / engineer-01)
:op5 (c8 / change-01)
:mod (g5 / genetics))
:mod (o8 / *OR*
:op1 (s2 / strain)
:op2 (b5 / breed)
:op3 (s3 / stock)
:op4 (l2 / lineage)
:op5 (s4 / species)
:op6 (f2 / family)
:mod (o9 / *OR*
:op1 (n4 / novel)
:op2 (n5 / new)
:op3 (b6 / brand-new)
:op4 (d2 / distinct)
:op5 (f3 / fresh))
:mod (t / this))))))

```

5. This will ultimately accelerate the speed of desertification in sub - Saharan African countries and other areas of the world .

```

(o11 / *OR*
:op1 (o / *OR*
:op1 (a / accelerate-01)
:op2 (a2 / advance-01)
:op3 (e / expedite-01)
:op4 (h / hasten-01)
:op5 (q / quicken-01)
:op6 (p / precipitate-01)
:op7 (i / increase-01)
:op8 (h3 / heighten-01)
:op9 (b2 / boost-01)
:op10 (r7 / raise-01)

```

:ARG0 (t6 / this)
 :ARG1 (o2 / *OR*
 :op1 (o26 / *OR*
 :op1 (s / speed-01)
 :op2 (p6 / pace-01)
 :ARG1 o9)
 :op2 (o21 / *OR*
 :op1 (b / briskness)
 :op2 (s2 / swiftness)
 :op3 (c / celerity)
 :op4 (v2 / velocity)
 :op5 (r2 / rate)
 :op6 (m2 / momentum)
 :mod (o9 / *OR*
 :op1 (o25 / *OR*
 :op1 (d / deplete-01
 :ARG2 (o10 / *OR*
 :op1 (p4 / plant
 :op2 (v / vegetation)))
 :op2 (d4 / deforest-01)
 :op3 (r / rid-01
 :ARG1 (p5 / plant
 :ARG0-of (l / live-01)))
 :op4 (d3 / desertify-00)
 :op5 (d7 / degrade-01
 :ARG1 (l5 / land))
 :location (a7 / and
 :op1 (o3 / *OR*
 :op1 (o28 / *OR*
 :op1 (c2 / country)
 :op2 (n / nation)
 :op3 (s3 / state
 :mod (o4 / *OR*
 :op1 (n2 / nation)
 :op2 (s4 / sovereign)))
 :op4 (t3 / territory)
 :op5 (r8 / region)
 :location (w / world-region
 :name (n3 / name
 :op1 "Sub-Saharan"
 :op2 "Africa"))))
 :op2 (o29 / *OR*

- :op1 (c6 / country)
- :op2 (n5 / nation)
- :op3 (s12 / state)
 - :mod (o30 / *OR*
 - :op1 (n7 / nation)
 - :op2 (s13 / sovereign)))
- :op4 (t7 / territory)
- :op5 (r9 / region)
- :location (c3 / continent)
 - :name (n4 / name)
 - :op1 "Africa"))
- :location (d2 / desert)
 - :name (n6 / name)
 - :op1 "Sahara")
 - :direction (s11 / south))))
- :op2 (o20 / *OR*
 - :op1 (o6 / *OR*
 - :op1 (a3 / area)
 - :op2 (p2 / part)
 - :op3 (s5 / stretch)
 - :op4 (s8 / section)
 - :op5 (p9 / place)
 - :op6 (t4 / territory)
 - :op7 (r6 / region)
 - :op8 (z / zone)
 - :op9 (s9 / sector)
 - :mod (o16 / *OR*
 - :op1 (o17 / other)
 - :op2 (v4 / various)
 - :op3 (a6 / addition)
 - :op4 (d10 / different)
 - :op5 (s10 / separate))
 - :OR (o19 / *OR*
 - :part-of (o7 / *OR*
 - :op1 (w2 / world)
 - :op2 (e2 / earth)
 - :op3 (g / globe)
 - :op4 (o18 / *OR*
 - :op1 (p3 / planet)
 - :op2 (p10 / planet)
 - :mod (t5 / this))))
 - :location (a8 / around

:op1 o7)))
 :op2 (e9 / elsewhere
 :location o7)))
 :op2 (b3 / become-01
 :ARG1 a7
 :ARG2 (o24 / *OR*
 :op1 (d8 / desert)
 :op2 (t / thing
 :ARG1-of (r5 / resemble-01
 :ARG2 (d9 / desert)))))))))
 :op2 (s6 / speed-01
 :ARG0 t6
 :ARG1 (o13 / *OR*
 :op1 (v3 / velocity)
 :op2 (r3 / rate)
 :op3 (m3 / momentum)
 :op4 (p7 / pace)
 :mod o9))
 :op3 (e6 / effect-01
 :ARG0 t6
 :ARG1 (o15 / *OR*
 :op1 (o14 / *OR*
 :op1 (a4 / accelerate-01)
 :op2 (a5 / advance-01)
 :op3 (e7 / expedite-01)
 :op4 (h2 / hasten-01)
 :op5 (q2 / quicken-01)
 :op6 (p8 / precipitate-01)
 :op7 (i2 / increase-01)
 :op8 (h4 / heighten-01)
 :op9 (b4 / boost-01)
 :op10 (r10 / raise-01)
 :ARG1 o2)
 :op2 (s7 / speed-02
 :ARG1 o13)))
 :OR (o5 / *OR*
 :time (o23 / *OR*
 :op1 (a10 / after
 :op1 (w3 / while))
 :op2 (u / ultimate)
 :op3 (f / final)
 :op4 (e4 / eventual)

:op5 (l4 / last)
:op6 (o12 / *OR*
:op1 (e3 / end-01)
:op2 (e5 / end-01
:ARG1 (d6 / day)))
:op7 (t2 / term
:mod (l2 / long))
:op8 (r4 / run
:mod (l3 / long)))
:domain (c5 / conclusion)))

6. The United States and Iran held on May 28 th their first high - level official talks , since breaking diplomatic relations in 1980 .

(o / *OR*
:op1 (o19 / *OR*
:op1 (h / hold-04)
:op2 (c / convene-01)
:op3 (c6 / conduct-01)
:ARG0 (a / and
:op1 (o2 / *OR*
:op1 (c12 / country
:name (n / name
:op1 "Iran"))
:op2 (c13 / country
:name (n3 / name
:op2 "Islamic"
:op3 "Republic"
:op4 "of"
:op5 "Iran"))))
:op2 (o3 / *OR*
:op1 (c14 / country
:name (n2 / name
:op1 "US"))
:op2 (c15 / country
:name (n4 / name
:op1 "USA"))
:op3 (c16 / country
:name (n9 / name
:op1 "U.S.A"))
:op4 (c17 / country
:name (n7 / name

```

        :op1 "United"
        :op2 "States"))
:op5 (c18 / country
      :name (n6 / name
            :op1 "United"
            :op2 "States"
            :op3 "of"
            :op4 "America"))
:op6 (c19 / country
      :name (n8 / name
            :op1 "U.S.))
:op7 (c20 / country
      :name (n5 / name
            :op1 "America"))))
:ARG1 (o4 / *OR*
      :op1 (t2 / talk-01)
      :op2 (m / meet-03)
      :op3 (d2 / discuss-01)
      :op4 (d3 / dialogue)
      :op5 (c2 / converse-01)
      :op6 (c3 / conference)
      :op7 (s / summit)
      :op8 (d7 / discourse-01)
      :op9 (n10 / negotiate-01)
      :OR (o7 / *OR*
          :ARG1-of (r2 / rank-01
                  :ARG2 (o8 / *OR*
                        :op1 (h2 / high)
                        :op2 (t4 / top)))
          :mod (o12 / *OR*
              :op1 (l2 / level
                  :mod (o6 / *OR*
                      :op1 (h3 / high)
                      :op2 (t3 / top)))
              :op2 (i / important)
              :op3 (n11 / noteworthy)))
      :mod (f / first)
      :poss a
      :OR (o16 / *OR*
          :mod (o14 / *OR*
              :op1 (o15 / official)
              :op2 (a3 / authoritative))

```

:ARG1-of (s5 / sanction-01
 :ARG0 (s6 / state))))
 :op2 (o13 / *OR*
 :op1 (t / talk-01)
 :op2 (m2 / meet-03)
 :op3 (d8 / discuss-01)
 :op4 (c9 / converse-01)
 :op5 (d10 / discourse-01)
 :ARG0 a
 :mod (o5 / official)
 :mod f
 :OR o7)
 :time (d / date-entity
 :month 5
 :day 28)
 :time (o9 / *OR*
 :op1 (s2 / since)
 :op2 (a2 / after)
 :OR (o10 / *OR*
 :op1 (b / break-03)
 :op2 (c4 / cut-04)
 :op3 (e / end-01)
 :op4 (s3 / sever-01)
 :op5 (s4 / suspend-01)
 :op6 (b2 / break-01)
 :op7 (c5 / cut-01)
 :op8 (c7 / cease-01)
 :op9 (t5 / terminate-01)
 :ARG0 a
 :ARG1 (o11 / *OR*
 :op1 (o17 / *OR*
 :op1 (r / relation)
 :op2 (c8 / connection)
 :op3 (c10 / communication)
 :op4 (c11 / contact)
 :mod (o18 / *OR*
 :op1 (d9 / diplomacy)
 :op2 (m3 / ministry)))
 :op2 (d4 / diplomacy))
 :time (d6 / date-entity
 :year 1980))))

7. During the trial , the Public Prosecutor said that the old , alcoholic thief had become homeless and committed the theft in order to return to prison .

(o / *OR*
:op1 (s / say-01)
:op2 (r / report-01)
:op3 (s2 / state-01)
:op4 (m / mention-01)
:op5 (r2 / remark-01)
:op6 (c / claim-01)
:op7 (a / assert-02)
:ARG0 (o20 / *OR*
:op1 (p10 / person)
:op2 (a7 / attorney)
:ARG0-of (p11 / prosecute-01)
:mod (p12 / public))
:ARG1 (a6 / and
:op1 (b2 / become-01
:ARG1 (o2 / *OR*
:op1 (t2 / thief)
:op2 (c2 / crook)
:op3 (a2 / artist
:mod (o5 / *OR*
:op1 (h3 / holdup)
:op2 (s4 / stickup)))
:op4 (p4 / person
:ARG0-of (o4 / *OR*
:op1 (s5 / steal-01)
:op2 (r3 / rob-01)))
:op5 (b / burglar)
:mod (o8 / *OR*
:op1 (o9 / old)
:op2 (e / elder)
:op3 (o10 / old-aged)
:op4 (p2 / person
:ARG1-of (a3 / age-01)))
:mod (o11 / *OR*
:op1 (a4 / alcoholic)
:op2 (l / lush)
:op3 (s3 / sottish)
:op4 (p3 / person
:ARG0-of (o13 / *OR*

:op1 (d2 / drink-01)
 :op2 (d3 / depend-01
 :ARG1 (a5 / alcohol))))))
 :ARG2 (o3 / *OR*
 :op1 (h / homeless)
 :op2 (v / vagrant)
 :op3 (p / person
 :OR (o7 / *OR*
 :mod (o6 / *OR*
 :op1 (h2 / homeless)
 :op2 (s6 / street))
 :ARG1-of (d / drift-01)))
 :op4 (t / transient)))
 :op2 (o15 / *OR*
 :op1 (c4 / commit-02)
 :op2 (e2 / execute-02)
 :op3 (c5 / carry-03)
 :op4 (c6 / complete-01)
 :op5 (p6 / perpetrate-01)
 :op6 (p7 / pull-03)
 :ARG0 o2
 :ARG1 (o16 / *OR*
 :op1 (t4 / theft)
 :op2 (h6 / heist)
 :op3 (h7 / holdup)
 :op4 (s7 / stickup)
 :op5 (r4 / robbery)
 :op6 (b3 / burglary))
 :purpose (o17 / *OR*
 :op1 (r5 / return-01
 :ARG4 (o18 / *OR*
 :op1 (p8 / penitentiary)
 :op2 (j / jail)
 :op3 (p9 / prison)
 :op4 (l5 / lockup)))
 :op2 (g / go-19
 :ARG2 o18)
 :ARG1 o2)))
 :time (d4 / during
 :op1 (o12 / *OR*
 :op1 (t3 / trial)
 :op2 (h4 / hearing)

:op3 (h5 / hearing
:mod (o14 / *OR*
:op1 (c3 / case)
:op2 (l2 / legal)))
:op4 (l3 / litigate-01)
:op5 (p5 / proceeding
:mod (o19 / *OR*
:op1 (l6 / legal)
:op2 (c7 / court)))
:op6 (c8 / case)))

8. According to Alof Ben in Haaretz , the biggest loser in this war is Ehud Olmert and the Kadima party , and the theory of unilateral Israeli withdrawals .

(o / *OR*
:op1 (s / say-01)
:op2 (s2 / state-01)
:op3 (d / declare-02)
:op4 (p / point-02)
:op5 (n / note-01)
:op6 (a / announce-01)
:op7 (e / express-01)
:op8 (i / indicate-01)
:ARG0 (p2 / person
:name (n2 / name
:op1 "Alof"
:op2 "Ben"))
:ARG1 (o2 / *OR*
:op1 (l / lose-03
:ARG0 (a2 / and
:op1 (p3 / person
:name (n5 / name
:op1 "Ehud"
:op2 "Olmert"))
:op2 (p4 / political-party
:name (n6 / name
:op1 "Kadima"))
:op3 (o8 / *OR*
:op1 (o9 / *OR*
:op1 (t2 / theory)
:op2 (c2 / concept)
:op3 (p5 / premise)

:op4 (n7 / notion)
 :op5 (i2 / idea)
 :mod w2)
 :op2 (p6 / plan-01
 :ARG1-of (w2 / withdraw-01
 :ARG1 (n8 / nationality
 :name (n9 / name
 :op1 "Israeli"))
 :mod (o10 / *OR*
 :op1 (u / unilateral)
 :op2 (o11 / one-side))))))
 :ARG1 (o3 / *OR*
 :op1 (o5 / *OR*
 :op1 (w / war-01)
 :op2 (b / battle-01)
 :op3 (c / conflict-01))
 :op2 (o6 / *OR*
 :op1 (e2 / engage-01)
 :op2 (c3 / conflict-01)
 :mod (o7 / *OR*
 :op1 (m2 / military)
 :op2 (a3 / arm-01)))
 :mod (t / this)))
 :op2 (f / fail-01
 :ARG1 a2
 :ARG2 o3)
 :mod (o4 / *OR*
 :op1 (g / great)
 :op2 (b2 / big)
 :degree (m / most)))
 :medium (n3 / newspaper
 :name (n4 / name
 :op1 "Haaretz"))))

9. Everyone knows that Iranian control over Lebanon and the imminent American departure from Iraq will contribute to the downfall of moderate Islam in the Middle East and the supremacy of the fundamentalists .

(o4 / *OR*
 :op1 (o / *OR*
 :op1 (k / know-01)
 :op2 (r / realize-01)

- :op3 (r2 / recognize-02)
- :op4 (s / see-01)
- :ARG0 (o3 / *OR*
 - :op1 (e / everyone)
 - :op2 (e2 / everybody)
 - :op3 (a / anyone)
 - :op4 (a4 / anybody)
 - :op5 (a10 / all)))
- :op2 (o2 / *OR*
 - :op1 (k2 / know-01)
 - :op2 (a2 / accept-01)
 - :op3 (u / understand-01)
 - :op4 (r3 / recognize-02)
 - :op5 (a3 / acknowledge-01)
 - :mod (o5 / *OR*
 - :op1 (g / general)
 - :op2 (c / common)
 - :op3 (b / broad)
 - :op4 (w / wide)
 - :op5 (u2 / universal)
 - :op6 (p / public)))
- :ARG1 (o6 / *OR*
 - :op1 (o18 / *OR*
 - :op1 (c17 / contribute-01)
 - :op2 (l4 / lead-03)
 - :op3 (d4 / drive-02)
 - :ARG2 (a8 / and
 - :op1 (o20 / *OR*
 - :op1 (o24 / *OR*
 - :op1 (d / downfall)
 - :op2 (b2 / breakdown)
 - :poss r7)
 - :op2 (o22 / *OR*
 - :op1 (f / fall-05)
 - :op2 (c2 / collapse-01)
 - :op3 (u3 / undo-01)
 - :op4 (r6 / ruin-01)
 - :op5 (d5 / defeat-01)
 - :op6 (o23 / overthrow-01)
 - :op7 (e7 / eliminate-01)
 - :op8 (f2 / fail-01)

```

        :name (n13 / name
            :op1 "Islam")
        :mod (m / moderate)))
:location (w3 / world-region
    :name (n14 / name
        :op1 "Middle"
        :op2 "East"))
:op2 (o21 / *OR*
    :op1 (o25 / *OR*
        :op1 (s2 / supremacy)
        :op2 (s3 / sovereignty)
        :poss (o29 / *OR*
            :op1 (e8 / extremist)
            :op2 (f3 / fundamentalist)))
    :op2 (o26 / *OR*
        :op1 (o27 / *OR*
            :op1 (r8 / rise-01)
            :ARG1 o29)
        :op2 (o28 / *OR*
            :op1 (a9 / ascend-01)
            :op2 (d6 / dominate-01)
            :ARG0 o29))))))
:op2 (o19 / *OR*
    :op1 (g3 / generate-01)
    :op2 (c18 / cause-01)
    :op3 (b3 / bring-05)
    :ARG1 a8)
:ARG0 (a5 / and
    :op1 (o7 / *OR*
        :op1 (c4 / control-01)
        :op2 (d2 / dominate-01)
        :op3 (i2 / influence-01)
        :op4 (l2 / lead-01)
        :op5 (r4 / rule-03)
        :ARG0 (o8 / *OR*
            :op1 (c5 / country
                :name (n / name
                    :op1 "Iran"))
            :op2 (c6 / country
                :name (n2 / name
                    :op1 "Islamic"
                    :op2 "Republic")

```

```

        :op3 "of"
        :op4 "Iran"))
:ARG1 (o9 / *OR*
    :op1 (c7 / country
        :name (n3 / name
            :op1 "Lebanon"))
    :op2 (c8 / country
        :name (n4 / name
            :op1 "Lebanese"
            :op2 "Republic"))))
:op2 (o10 / *OR*
    :op1 (d3 / depart-01)
    :op2 (w2 / withdraw-01)
    :op3 (e3 / exit-01)
    :op4 (r5 / retreat-01)
    :ARG0 (o30 / *OR*
        :op1 (a11 / army)
        :op2 (t / troop)
        :op3 (f4 / force)
        :op4 (m2 / military)
        :op5 (o31 / *OR*
            :op1 (t2 / troop)
            :op2 (f5 / force)
            :OR (o32 / *OR*
                :mod (m3 / military)
                :ARG1-of (a12 / arm-01)))
        :mod (o11 / *OR*
            :op1 (c9 / country
                :name (n5 / name
                    :op1 "US"))
            :op2 (c10 / country
                :name (n6 / name
                    :op1 "U.S.))
            :op3 (c11 / country
                :name (n7 / name
                    :op1 "United"
                    :op2 "States"))
            :op4 (c12 / country
                :name (n8 / name
                    :op1 "United"
                    :op2 "States"
                    :op3 "of"

```

```

:op4 "America"))
:op5 (c13 / country
:name (n9 / name
:op1 "America"))
:op6 (c14 / country
:name (n10 / name
:op1 "U.S.A"))))
:ARG1 (o17 / *OR*
:op1 (c15 / country
:name (n11 / name
:op1 "Iraq"))
:op2 (c16 / country
:name (n12 / name
:op1 "Republic"
:op2 "of"
:op3 "Iraq"))))
:OR (o13 / *OR*
:mod (o12 / *OR*
:op1 (i3 / imminence)
:op2 (e4 / evitable
:polarity -))
:ARG1-of (o14 / *OR*
:op1 (o16 / *OR*
:op1 (e5 / escape-01)
:op2 (a6 / avoid-01)
:polarity -)
:op2 (o15 / *OR*
:op1 (e6 / expect-01)
:op2 (a7 / approach-01)
:op3 (l3 / loom-01)))))))))

```

10. Iranian Foreign Minister , Manuchehr Motaki , announced Tuesday that a new meeting between Iranian and American officials on Iraq could be held in the " near future , " according to what Iranian media said .

```

(o / *OR*
:op1 (s / say-01)
:op2 (a / announce-01)
:op3 (d / declare-02)
:op4 (r / reveal-01)
:op5 (s2 / state-01)
:op6 (p / proclaim-01)

```

:op7 (r2 / report-01)
 :ARG0 (m / media
 :mod (o8 / *OR*
 :op1 (c / country
 :name (n / name
 :op1 "Iran"))
 :op2 (c3 / country
 :name (n9 / name
 :op1 "Islamic"
 :op2 "Republic"
 :op3 "of"
 :op4 "Iran"))))
 :ARG1 (o2 / *OR*
 :op1 (s3 / say-01)
 :op2 (a2 / announce-01)
 :op3 (d2 / declare-02)
 :op4 (r3 / reveal-01)
 :op5 (s4 / state-01)
 :op6 (p2 / proclaim-01)
 :op7 (r4 / report-01)
 :ARG0 (m2 / minister
 :name (n2 / name
 :op1 "Manuchehr"
 :op2 "Motaki")
 :mod (f2 / foreign)
 :mod o8)
 :ARG1 (p5 / possible
 :time (n6 / near
 :op1 (f / future))
 :OR (o7 / *OR*
 :mod (o4 / *OR*
 :op1 (n7 / new)
 :op2 (a3 / another)
 :op3 (n8 / next))
 :ARG1-of (a5 / add-02))
 :domain (o3 / *OR*
 :op1 (m3 / meet-03)
 :op2 (g / get-14)
 :ARG0 (a4 / and
 :op1 (o5 / official
 :mod o8)
 :op2 (o6 / official

```

:mod (o10 / *OR*
  :op1 (c5 / country
    :name (n4 / name
      :op1 "America"))
  :op2 (c2 / country
    :name (n5 / name
      :op1 "United"
      :op2 "States"))
  :op3 (c7 / country
    :name (n11 / name
      :op1 "US"))
  :op4 (c8 / country
    :name (n12 / name
      :op1 "USA"))
  :op5 (c10 / country
    :name (n14 / name
      :op1 "U.S.))
  :op6 (c9 / country
    :name (n13 / name
      :op1 "U.S.A"))
  :op7 (c11 / country
    :name (n15 / name
      :op1 "United"
      :op2 "States"
      :op3 "of"
      :op4 "America"))))
:topic (o9 / *OR*
  :op1 (c4 / country
    :name (n3 / name
      :op1 "Iraq"))
  :op2 (c6 / country
    :name (n10 / name
      :op1 "Republic"
      :op2 "of"
      :op3 "Iraq"))))
:time (d3 / date-entity
  :weekday (t / tuesday)))

```

11. The new chief of staff is the right person in the right place .

```

(o5 / *OR*
  :op1 (o / *OR*

```

:op1 (p / person)
 :op2 (i / individual)
 :op3 (m / man)
 :op4 (g / guy)
 :op5 (c / character)
 :OR (o2 / *OR*
 :mod (o3 / *OR*
 :op1 (r2 / right)
 :op2 (p3 / proper)
 :op3 (a3 / appropriate)
 :op4 (a4 / adequate))
 :ARG1-of (o4 / *OR*
 :op1 (f / fit-01)))
 :location o7
 :domain (c3 / chief
 :mod (o9 / *OR*
 :op1 (s3 / staff)
 :op2 (p7 / personnel))
 :OR (o10 / *OR*
 :mod (o11 / *OR*
 :op1 (n / new)
 :op2 (r3 / recent))
 :ARG1-of (a / appoint-01
 :time (o12 / *OR*
 :op1 (r4 / recent)
 :op2 (n2 / now))))))
 :op2 (s / suitable-41
 :ARG1 (o6 / *OR*
 :op1 (p2 / person)
 :op2 (i2 / individual)
 :op3 (m2 / man)
 :op4 (g2 / guy)
 :op5 (c2 / character)
 :domain c3)
 :ARG2 (o7 / *OR*
 :op1 (p4 / place)
 :op2 (j / job)
 :op3 (r / role)
 :op4 (p5 / position)
 :op5 (s2 / situation)
 :op6 (o8 / office)
 :op7 (p6 / profession)

:op8 (f2 / function)
:mod o3)))

12. It was not possible to confirm the credibility of this statement from an independent source .

(o9 / *OR*
:op1 (o / *OR*
:op1 (p / possible)
:op2 (f / feasible)
:op3 (w / way)
:op4 (c / chance)
:polarity -
:domain (o3 / *OR*
:op1 (c4 / confirm-01)
:op2 (v2 / validate-01)
:op3 (a / affirm-01)
:op4 (c5 / check-01)
:op5 (v3 / verify-01)
:op6 (c6 / corroborate-01)
:op7 (e / ensure-01)
:ARG1 (o4 / *OR*
:op1 (c7 / credibility)
:op2 (t2 / truthfulness)
:op3 (v4 / validity)
:op4 (r / reliability)
:op5 (t3 / truth)
:op6 (i2 / integrity)
:mod (o5 / *OR*
:op1 (t4 / thing
:ARG1-of (s4 / state-01)
:ARG1-of (a2 / announce-01)
:ARG1-of (p2 / proclaim-01)
:ARG1-of (d2 / declare-02))
:op2 (b / bulletin)
:source (s6 / source
:mod (o6 / *OR*
:op1 (d3 / different)
:op2 (s5 / separate)
:op3 (n / neutral)
:op4 (p3 / partisan
:polarity -)
:op5 (o7 / objective)

:op6 (i3 / independent)
 :op7 (o8 / outside)
 :op8 (b2 / bias
 :polarity -)
 :op9 (p4 / partial
 :polarity -)))
 :mod (t5 / this))))
 :op2 (s3 / seem-01
 :ARG1 o))

13. The Commission could not yet identify the nationality and the name of the person who executed the operation .

(p2 / possible
 :domain (o / *OR*
 :op1 (i / identify-01)
 :op2 (v / verify-01)
 :op3 (p / pinpoint-01)
 :op4 (u / uncover-01)
 :op5 (e / establish-01)
 :op6 (c / confirm-01)
 :op7 (d / discover-01)
 :op8 (d2 / determine-01)
 :op9 (a / ascertain-01)
 :op10 (d3 / distinguish-01)
 :op11 (e2 / ensure-01)
 :op12 (f / find-01)
 :op13 (f2 / figure-04)
 :ARG0 (o12 / *OR*
 :op1 (g / government-organization
 :name (n3 / name
 :op1 "Commission"))))
 :ARG1 (a2 / and
 :op1 (o3 / *OR*
 :op1 (o5 / *OR*
 :op1 (c2 / country)
 :op2 (n / nation)
 :op3 (l / land)
 :op4 (p4 / place)
 :mod (o7 / origin))
 :op3 (n2 / nationality)
 :op4 (c3 / citizenship)

:op5 (o6 / origin))
 :op2 (o8 / *OR*
 :op1 (p5 / person)
 :op2 (i2 / individual)
 :ARG0-of (o2 / *OR*
 :op1 (e3 / execute-02)
 :op2 (p6 / perform-01)
 :op3 (i3 / implement-01)
 :op4 (u2 / undertake-01)
 :op5 (c4 / carry-03)
 :op6 (p7 / pull-03)
 :ARG1 (o10 / *OR*
 :op1 (m / mission)
 :op2 (a3 / action)
 :op3 (o11 / operation)
 :op4 (a4 / act)
 :op5 (s / scheme)
 :op6 (v2 / venture)
 :op7 (a5 / affair))))))
 :polarity -
 :time (o4 / *OR*
 :op1 (y / yet)
 :op2 (p3 / present)
 :op3 (t / time
 :mod (o9 / *OR*
 :op1 (t2 / this)
 :op2 (p8 / present)))
 :op4 (h / hitherto)))

14. Dr. Nazif said : We are indeed thinking of the unified civil employment law in order to replace the labor law

(o / *OR*
 :op1 (s / say-01)
 :op2 (s2 / state-01)
 :op3 (n / note-01)
 :op4 (r / remark-01)
 :op5 (p / point-01)
 :op6 (s3 / specify-01)
 :op7 (d / declare-02)
 :op8 (a / announce-01)
 :ARG0 (d2 / doctor

```

:name (n2 / name
      :op1 "Nazif"))
:ARG1 (o13 / *OR*
      :op1 (o2 / *OR*
            :op1 (t / think-01)
            :op2 (c / consider-02)
            :op3 (c2 / contemplate-01)
            :op4 (e / examine-01)
            :op5 (e2 / evaluate-01)
            :op6 (d4 / deliberate-01)
            :ARG1 (l / law
                  :mod (e3 / employ-01
                        :mod (o3 / *OR*
                              :op1 (c3 / civil)
                              :op2 (p2 / public))
                              :OR (o4 / *OR*
                                    :ARG1-of (o5 / *OR*
                                              :op1 (u / unify-01)
                                              :op2 (u2 / unite-01)
                                              :op3 (j / join-01))
                                    :mod (o6 / *OR*
                                          :op1 (c4 / collective)
                                          :op2 (c5 / cooperative))))))
            :purpose (o7 / *OR*
                      :op1 (r2 / replace-01)
                      :op2 (s4 / supplant-01)
                      :op3 (o8 / outplace-00)
                      :ARG1 (l2 / law
                            :mod (o9 / *OR*
                                  :op1 (l3 / labor-01)
                                  :op2 (l4 / labour)
                                  :op3 (e4 / employ-01)
                                  :op4 (w2 / work-01)))
                            :ARG2 l))
            :op2 (o14 / *OR*
                  :op1 (t2 / think-01)
                  :op2 (c6 / consider-02)
                  :op3 (c7 / contemplate-01)
                  :op4 (e5 / examine-01)
                  :op5 (e6 / evaluate-01)
                  :op6 (d3 / deliberate-01)
                  :ARG1 (o11 / *OR*

```

:op1 (r3 / replace-01)
:op2 (s5 / supplant-01)
:op3 (o12 / outplace-00)
:ARG1 I2
:ARG2 I))
:ARG0 (w / we)))

15. Two years ago , a friend whom I had n't seen for many years found me , and said he wanted to do some business .

(a3 / and
:op1 (o / *OR*
:op1 (f / find-01)
:op2 (l / locate-01)
:op3 (b / bump-00)
:op4 (c / come-21)
:op5 (t / track-02)
:op6 (r / reach-02)
:op7 (c2 / contact-01)
:ARG1 (i3 / i))
:op2 (o7 / *OR*
:op1 (s3 / say-01)
:op2 (t4 / tell-01)
:op3 (i4 / indicate-01)
:op4 (e2 / express-01)
:op5 (a2 / announce-01)
:ARG1 (o8 / *OR*
:op1 (w / want-01)
:op2 (w2 / wish-01)
:op3 (d / desire-01)
:op4 (c9 / consider-02)
:op5 (i5 / interest-01)
:op6 (t5 / think-01)
:op7 (c10 / contemplate-01)
:ARG0 o2
:ARG1 (o10 / *OR*
:op1 (o9 / *OR*
:op1 (p2 / participate-01)
:op2 (c11 / carry-03)
:op3 (c12 / conduct-01)
:op4 (d2 / do-02)
:op5 (s4 / start-01)

```

:ARG1 (o14 / *OR*
  :op1 (o11 / *OR*
    :op1 (b5 / business)
    :op2 (c13 / commerce)
    :op3 (e4 / enterprise))
  :op2 (o13 / *OR*
    :op1 (p3 / project)
    :op2 (u / undertaking)
    :op3 (o12 / operation)
    :op4 (p4 / pursuit)
    :op5 (v / venture)
    :mod (b6 / business))))
:op2 (e3 / engage-01
  :ARG2 o14)))
:ARG0 (o2 / *OR*
  :op1 (f2 / friend)
  :op2 (p / pal)
  :op3 (c3 / confidant)
  :op4 (c4 / chum)
  :op5 (b2 / buddy)
  :op6 (m / mate)
  :op7 (c5 / comrade)
  :op8 (c6 / companion)
  :ARG1-of (o4 / *OR*
    :op1 (s / see-01)
    :op2 (m2 / meet-03)
    :op3 (a / associate-01)
    :op4 (s2 / spend-02
      :ARG1 (t3 / time))
    :op5 (c7 / consort-01)
    :op6 (r2 / run-07)
    :op7 (e / encounter-01)
    :op8 (b3 / bump-00)
    :op9 (c8 / come-21)
    :op10 (h / hang-06)
    :ARG0 i3
  :polarity -
  :duration (o5 / *OR*
    :op1 (y / year
      :quant (o6 / *OR*
        :op1 (l2 / lot)
        :op2 (b4 / bunch)

```

:op3 (m3 / many)))
 :op2 (t2 / time
 :mod (s5 / some))))
 :time (a4 / ago
 :op1 (t6 / temporal-quantity
 :unit (y2 / year)
 :quant 2)))

16. Olli Heinonen , Head of the International Atomic Energy Agency Delegation to Iran , announced yesterday that the Agency reached an agreement with Tehran on the method of managing the negotiations regarding its nuclear program .

(o3 / *OR*
 :op1 (a / announce-01)
 :op2 (s / say-01)
 :op3 (t / tell-01)
 :op4 (i / indicate-01)
 :op5 (d3 / declare-02)
 :op6 (s2 / state-01)
 :op7 (r / report-01)
 :op8 (c4 / confirm-01)
 :op9 (r2 / reveal-01)
 :ARG0 (o / *OR*
 :op1 (o16 / *OR*
 :op1 (p5 / person
 :name (n9 / name
 :op1 "Olli"
 :op2 "Heinonen")
 :ARG0-of (o18 / *OR*
 :op1 (l / lead-02)
 :op2 (h / head-01)
 :op3 (r5 / run-01)
 :op4 (c10 / coordinate-01)
 :op5 (d2 / direct-01)
 :ARG1 (d6 / delegation
 :destination (o2 / *OR*
 :op1 (c2 / country
 :name (n2 / name
 :op1 "Iran"))
 :op2 (c3 / country
 :name (n3 / name
 :op1 "Islamic"

:op2 "Republic"
:op3 "of"
:op4 "Iran"))))))))

:op2 (o17 / *OR*
:op1 (c / chief
:name n9)
:op2 (d / director
:name n9)
:poss d6)
:employed-by (g3 / government-organization
:name (n / name
:op1 "International"
:op2 "Atomic"
:op3 "Energy"
:op4 "Agency"))))

:ARG1 (o6 / *OR*
:op1 (o19 / *OR*
:op1 (a2 / agree-01)
:op2 (s3 / settle-02)
:op4 (c6 / compromise-01)
:ARG1 (o8 / *OR*
:op1 (m2 / method)
:op2 (w / way)
:op3 (a3 / approach)
:op4 (p / process)
:op5 (s4 / strategy)
:op6 (s5 / system)
:op7 (p2 / procedure)
:op8 (t2 / technique)
:op9 (m3 / mode)
:instrument-of (o9 / *OR*
:op1 (m4 / manage-01)
:op2 (c8 / conduct-01)
:op3 (h2 / hold-01)
:op4 (g2 / govern-01)
:op5 (c9 / control-01)
:op6 (o10 / operate-01)
:op7 (r4 / run-01)
:op8 (s6 / supervise-01)
:op9 (a4 / administer-01)
:ARG1 (o11 / *OR*
:op1 (o13 / *OR*

:op2 (d5 / discuss-01)
 :op3 (t3 / talk-01)
 :ARG1 (o14 / *OR*
 :op1 (p3 / program)
 :op2 (a5 / activity)
 :op3 (p4 / project)
 :op4 (w2 / work)
 :mod (o15 / *OR*
 :op1 (n8 / nuclear)
 :op2 (a6 / atom))
 :poss c7))
 :op2 (o12 / *OR*
 :op1 (n7 / negotiate-01
 :ARG2 o14)
 :op2 (m5 / meet-01
 :topic o14))))))
 :ARG2 (g / government-organization
 :ARG0-of (g4 / govern-01
 :ARG1 o2)
 :location (c7 / capital
 :name (n6 / name
 :op1 "Tehran"))))
 :op2 (o4 / *OR*
 :op1 (o7 / *OR*
 :op1 (r3 / reach-01
 :ARG1 (u / understand-01
 :topic o8))
 :op3 (m / make-01
 :ARG1 (d4 / deal-01
 :topic o8))
 :ARG0 g3)
 :op2 (c5 / come-04
 :ARG2 u)
 :prep-with c7)
 :op3 (n4 / negotiate-01
 :ARG0 g3
 :ARG1 c7
 :ARG2 o8))
 :time (y / yesterday))

17. Cairo : An Egyptian court will issue a decision regarding the possibility of releasing , for health reasons , the Egyptian opposition person , Ayman Nour , who has been imprisoned for a year and a half .

(o / *OR*
:op1 (i / issue-01)
:op2 (r / release-01)
:op3 (a / announce-01)
:ARG0 (o2 / *OR*
:op1 (c2 / court)
:op2 (c3 / court
:mod (o4 / *OR*
:op1 (l / law)
:op2 (j2 / justice)))
:op3 (t / tribunal)
:op4 (j / judiciary)
:mod (c4 / country
:name (n2 / name
:op1 "Egypt")))
:ARG1 (o5 / *OR*
:op1 (d / decide-01)
:op2 (j3 / judge-01)
:op3 (a3 / answer-01)
:ARG1 (p4 / possible
:domain (o3 / *OR*
:op1 (r2 / release-01)
:op2 (f / free-01)
:op3 (d2 / discharge-01)
:op4 (l2 / liberate-01)
:ARG1 (p3 / person
:name (n3 / name
:op1 "Ayman"
:op2 "Nour")
:OR (o10 / *OR*
:mod (o9 / *OR*
:op1 (d3 / dissident)
:op2 (r4 / rebel)
:op3 (i3 / insurgent))
:ARG0-of (o11 / oppose-01))
:mod (c9 / country
:name (n4 / name
:op1 "Egypt"))

```

:ARG1-of (o12 / *OR*
  :op1 (o13 / *OR*
    :op1 (i4 / imprison-01)
    :op2 (j4 / jail-01)
    :op3 (i5 / incarcerate-01)
    :ARG2 (t2 / temporal-quantity
      :unit (m2 / month)
      :quant 18))
    :op2 (o14 / *OR*
      :op1 (l3 / lock-03)
      :op2 (d4 / detain-01)
      :duration t2)))
:cause (o8 / *OR*
  :op1 (c5 / concern-01
    :ARG2 h)
  :op2 (o6 / *OR*
    :op2 (p2 / problem)
    :op3 (i2 / issue)
    :op4 (r3 / reason)
    :op5 (m / matter)
    :op6 (c7 / consideration)
    :op7 (c8 / cause)
    :mod (h / health))))))
:location (c / city
  :name (n / name
    :op1 "Cairo"))

```

18. Is the army rebuilding its force ?

```

(o10 / *OR*
  :op1 (o / *OR*
    :op1 (r / rebuild-01)
    :op2 (r2 / redress-01)
    :op3 (r3 / reform-01)
    :op4 (r4 / renew-01)
    :op5 (r5 / restore-02)
    :op6 (r7 / regenerate-01)
    :op7 (r8 / rehabilitate-01)
    :op8 (r9 / reconstruct-01)
    :op9 (r10 / reconstitute-01)
    :op10 (r11 / reestablish-01)
    :op11 (s7 / strengthen-01)

```

:op12 (r14 / revive-01)
:op13 (r15 / reimpose-01)
:op14 (r16 / reinstate-01)
:op15 (r17 / reinforce-01)
:op16 (r33 / remodel-01)
:op17 (r34 / reassemble-01)
:op18 (r35 / reorganize-01)
:op19 (r36 / redesign-01)
:op20 (r37 / restage-00)
:ARG1 (o8 / *OR*
 :op1 (o6 / *OR*
 :op1 (f2 / force)
 :op2 (p / power)
 :op3 (f4 / forcefulness)
 :op4 (s / strength)
 :op5 (p2 / potency)
 :op6 (p3 / potential)
 :op7 (c2 / clout)
 :op8 (m2 / might)
 :op9 (m3 / momentum)
 :op10 (v / vigor)
 :poss o2)
 :op2 (o13 / *OR*
 :op1 (p4 / personnel)
 :op2 (s3 / staff))))
:op2 (o11 / *OR*
 :op1 (e / experience-01)
 :op2 (u2 / undergo-01)
 :op3 (f3 / face-01)
 :op4 (s8 / suffer-01)
 :op5 (c6 / confront-01)
 :ARG1 o)
:op3 (o12 / *OR*
 :op1 (s4 / set-03)
 :op2 (p5 / put-13)
 :op3 (b / build-13)
 :op4 (c3 / construct-01)
 :op5 (m6 / model-01)
 :op6 (a2 / assemble-01)
 :op7 (f5 / form-01)
 :op8 (o14 / organize-01)
 :op9 (d / design-01)

:op10 (s5 / stage-01)
 :op11 (s6 / strengthen-01)
 :op12 (h / habilitate-00)
 :op13 (c4 / constitute-01)
 :op14 (e2 / establish-01)
 :op15 (i / impose-01)
 :op16 (e3 / enforce-01)
 :ARG1 o8
 :OR (o15 / *OR*
 :mod (o21 / *OR*
 :op1 (o16 / *OR*
 :op1 (a4 / again)
 :op2 (a5 / again
 :mod (o17 / *OR*
 :op1 (o18 / over)
 :op2 (y / yet)
 :op3 (o19 / over
 :mod (a6 / all))
 :op4 (o20 / once))))
 :op2 (o22 / once
 :degree (m7 / more)))
 :prep-from (o23 / *OR*
 :op1 (s9 / scratch)
 :op2 (b2 / begin-01))))
 :ARG0 (o2 / *OR*
 :op1 (o3 / *OR*
 :op1 (a / army)
 :op2 (m / military))
 :op2 (o4 / *OR*
 :op1 (f / force)
 :op2 (o5 / organization)
 :op3 (g / group-01)
 :op4 (s2 / service)
 :OR (o7 / *OR*
 :ARG1-of (a3 / arm-01)
 :mod (o24 / *OR*
 :op1 (m4 / military)
 :op2 (c / civil
 :polarity -))
 :ARG0-of (o9 / *OR*
 :op1 (c5 / combat-01)
 :op2 (d2 / defend-01))))))

:mode interrogative)

19. Do prosecuting authorities dare to be " prosecuted ? "

(o14 / *OR*

:op1 (o2 / *OR*

:op1 (o / *OR*

:op2 (r / risk-01)

:op3 (c / chance-01)

:op4 (c2 / challenge-01)

:op6 (h / hazard-01)

:op7 (p / presume-01)

:ARG1 (o9 / *OR*

:op1 (p5 / prosecute-01)

:op2 (t5 / take-03

:ARG2 o4)

:op3 (s3 / sue-01)

:op4 (i2 / indict-01)

:op5 (l2 / litigate-01)

:op6 (b2 / bring-01

:ARG1 o4)

:op7 (p6 / put-01

:ARG2 o4)

:ARG1 o6))

:op2 (o5 / *OR*

:op1 (d / dare-01)

:op2 (v / venture-02)

:ARG2 o9)

:ARG0 (o15 / *OR*

:op1 (o6 / *OR*

:op1 (a / authority)

:op2 (p3 / person

:ARG0-of (o10 / *OR*

:op1 (h3 / have-03

:ARG1 a)

:op2 (p7 / prosecute-01)))

:op3 (o7 / official)

:ARG0-of (o3 / *OR*

:op1 (p2 / prosecute-01)

:op2 (t / take-03

:ARG3 (o4 / *OR*

:op1 (c3 / court)

:op2 (t2 / trial)))
 :op3 (s / sue-01)
 :op4 (i / indict-01)
 :op6 (l / litigate-01)
 :op7 (b / bring-01
 :ARG1 o4)
 :op8 (p4 / put-01
 :ARG2 o4)))
 :op2 (o16 / *OR*
 :op1 (a7 / attorney)
 :op2 (o17 / officer)
 :OR (o18 / *OR*
 :ARG0-of (p8 / prosecute-01)
 :mod (p9 / public))))))
 :op2 (o13 / *OR*
 :op1 (b3 / bold)
 :op2 (b4 / brave)
 :op3 (a4 / audacious)
 :op4 (f / fear
 :polarity -)
 :op5 (a5 / afraid
 :polarity -)
 :op6 (v2 / valiant)
 :op7 (c4 / courage)
 :op8 (a6 / adventure)
 :domain o6
 :extent o9)
 :mode interrogative)

20. That , in my opinion , is the missing formula in the performance of the government and the party .

(o10 / *OR*
 :op1 (s / say-01)
 :op2 (u / utter-01)
 :op3 (a5 / argue-01)
 :op4 (t3 / tell-01)
 :op5 (p6 / proclaim-01)
 :op6 (a7 / affirm-01)
 :op7 (a8 / assert-03)
 :op8 (i3 / indicate-01)
 :op9 (e3 / explain-01)

- :op10 (c5 / corroborate-01)
- :op11 (i4 / imply-01)
- :op12 (r5 / reveal-01)
- :op13 (d3 / disclose-01)
- :op14 (s2 / show-01)
- :op15 (c6 / confirm-01)
- :op16 (o11 / opine-01)
- :ARG0 (i5 / i)
- :ARG1 (o / *OR*
 - :op1 (m / miss-01)
 - :op2 (l / lack-01)
 - :op3 (l2 / lose-02)
 - :op5 (n / neglect-01)
 - :op6 (i / ignore-01)
 - :op7 (d / disregard-01)
 - :op8 (w / want-01)
 - :op9 (o2 / omit-01)
 - :ARG0 (o7 / *OR*
 - :op1 (p2 / perform-01)
 - :op2 (r3 / rule-01)
 - :op3 (a / administer-01)
 - :op4 (d2 / dominate-01)
 - :op5 (c4 / control-01)
 - :op6 (i2 / influence-01)
 - :op7 (r4 / regulate-01)
 - :ARG0 (a4 / and
 - :op1 (o6 / *OR*
 - :op1 (g2 / governance)
 - :op2 (o5 / *OR*
 - :op1 (g / government-organization)
 - :op2 (b / body)
 - :ARG0-of (g3 / govern-01)))

- :op2 (o9 / *OR*
- :op1 (p3 / party)
- :op2 (o8 / *OR*
 - :op1 (p4 / party)
 - :op2 (g4 / group)
 - :op3 (f3 / faction)
 - :op4 (a2 / association)
 - :op5 (a3 / alliance)
 - :op6 (g5 / grouping)
 - :op7 (b2 / body)

```

:mod (p5 / politics))))
:ARG1 (o3 / *OR*
:op1 (f / formula)
:op2 (c / calculation)
:op3 (p / procedure)
:op4 (t / thing)
:op5 (f2 / formulation)
:op6 (r2 / rule)
:op7 (c3 / convention)
:op8 (e2 / element)
:domain (t2 / that)))

```

21. And Fawzi al - Benzarti actually traveled to Tripoli along with his son , Ayman , and his brother , Sami .

```

(a / and
:op2 (o / *OR*
:op1 (o2 / *OR*
:op1 (t / travel-01)
:op2 (v / voyage-01)
:ARG1 (c / city
:name (n3 / name
:op1 "Tripoli"))))
:op2 (j / journey-01
:destination c)
:op3 (g / go-02
:ARG4 c)
:ARG0 (p / person
:name (n2 / name
:op1 "Fawzi"
:op2 "al-Benzarti"))
:accompanier (a2 / and
:op1 (o3 / *OR*
:op1 (s / son
:name (n / name
:op1 "Ayman"))
:op3 (l / lad
:name n)
:op3 (o5 / *OR*
:op1 (o4 / offspring
:name n)
:op2 (d / descendant

```

:name n)
:op3 (c2 / child
:name n)
:op4 (h / heir
:name n)
:mod (m / male)))
:op2 (b / brother
:name (n4 / name
:op1 "Sami"))
:poss p)))

22. It said that Damascus supports a network that sends between 50 to 80 suicide bombers monthly to " al - Qaeda " in Iraq .

(o / *OR*
:op1 (s / say-01)
:op2 (u / utter-01)
:op3 (a / argue-01)
:op4 (t / tell-01)
:op5 (p / proclaim-01)
:op6 (a2 / avow-00)
:op7 (a3 / affirm-01)
:op8 (a4 / assert-03)
:op9 (i / indicate-01)
:op10 (e / explain-01)
:op11 (c / corroborate-01)
:op12 (i2 / imply-01)
:op13 (r / reveal-01)
:op14 (d / disclose-01)
:op15 (s2 / show-01)
:op16 (c2 / confirm-01)
:op17 (o2 / opine-01)
:ARG0 (i4 / it)
:ARG1 (o3 / *OR*
:op1 (s3 / support-01)
:op2 (a5 / aid-01)
:op3 (a6 / approve-01)
:op4 (h / help-01)
:op5 (b / back-01)
:op6 (s4 / second-01)
:op7 (e2 / encourage-02)
:op8 (d2 / defend-01)

:op9 (p2 / promote-02)
 :op10 (a7 / assist-01)
 :op11 (u2 / uphold-01)
 :op12 (s5 / side-01)
 :op13 (s6 / stand-03)
 :op14 (s7 / stick-01)
 :op15 (f / fund-01)
 :op16 (f2 / finance-01)
 :op17 (s8 / sustain-00)
 :op18 (s9 / subsidize-01)
 :op19 (f3 / favor-01)
 :op20 (t2 / tolerate-01)
 :ARG0 (c3 / capital
 :name (n / name
 :op1 "Damascus"))
 :ARG1 (o4 / *OR*
 :op1 (t3 / thing
 :ARG1-of (n2 / network-01))
 :op2 (t4 / thing
 :ARG2-of (s10 / structure-01))
 :op3 (o5 / organization)
 :op4 (s11 / system)
 :op5 (g3 / group)
 :op6 (b2 / body)
 :ARG0-of (o6 / *OR*
 :op1 (s12 / send-01)
 :op2 (d3 / dispatch-01)
 :op3 (s13 / ship-01)
 :op4 (g2 / give-01)
 :op5 (p3 / place-01)
 :ARG1 (p4 / person
 :ARG0-of (b3 / bomb-01)
 :mod (s14 / suicide)
 :quant (b4 / between
 :op1 50
 :op2 80))
 :ARG2 (o9 / *OR*
 :op1 (c4 / criminal-organization
 :name (n4 / name
 :op1 "al-Qaeda"))
 :op2 (c5 / criminal-organization
 :name (n5 / name

```

:op1 "al-Qaida"))
:op3 (c6 / criminal-organization
:name (n6 / name
:op1 "al-Qa'ida"))
:op4 (c7 / criminal-organization
:name (n7 / name
:op1 "al-Qa'idah"))
:location (o10 / *OR*
:op1 (c8 / country
:name (n9 / name
:op1 "Iraq"))
:op2 (c9 / country
:name (n8 / name
:op1 "Republic"
:op2 "of"
:op3 "Iraq"))))
:time (o7 / *OR*
:op1 (m / monthly)
:op2 (m2 / month
:mod (o8 / *OR*
:op1 (e3 / every)
:op2 (e4 / each))))))

```

23. These successes open the door wide to questions about the absence of these specializations from the universities , colleges and institutes of the Kingdom .

```

(o / open-01
:ARG0 (o2 / *OR*
:op1 (a / achieve-01)
:op2 (p / performance)
:op3 (a2 / advancement)
:op4 (s / succeed-01)
:mod (t / this))
:ARG1 (o3 / *OR*
:op1 (d / door)
:op2 (g / gate)
:op3 (g2 / gateway))
:ARG3 (o4 / *OR*
:op1 (i / inquire-01)
:op2 (e / enquire-01)
:op3 (q / question-01)
:ARG1 (o5 / *OR*

```

```

:op1 (o6 / *OR*
  :op1 (s2 / scarcity)
  :op2 (p2 / paucity)
  :op3 (r / rareness)
  :op4 (s3 / shortage)
  :op5 (s4 / sparsity)
  :op6 (a3 / availability
    :polarity -)
  :op7 (a4 / absence)
  :poss o9)
:op2 (o7 / *OR*
  :op1 (e2 / exist-01)
  :op2 (r2 / represent-01)
  :op3 (l / lack-01)
  :ARG1 (o9 / *OR*
    :op1 (o10 / *OR*
      :op1 (s6 / specialization)
      :op2 (f2 / field)
      :op3 (m2 / major)
      :op4 (o12 / occupation)
      :op5 (d2 / discipline)
      :op6 (p3 / program)
      :op7 (s5 / specialty))
    :op2 (o11 / *OR*
      :op1 (f / field)
      :op2 (a5 / area)
      :OR (o13 / *OR*
        :mod (e3 / expertise)
        :ARG1-of (s7 / study-01)))
    :mod (t2 / this))
  :polarity -)
:location (a6 / and
  :op1 (u / university)
  :op2 (c / college)
  :op3 (i2 / institute)
  :poss (w2 / world-region)
  :name (n / name
    :op1 "Kingdom"))))
:manner (o8 / *OR*
  :op1 (w / wide)
  :op2 (f3 / full)))

```

24. After the seven hundred passengers on the train were stranded for two hours , they were guided through the tunnels to a safe place .

(o / *OR*
:op1 (o5 / *OR*
:op1 (e / escort-01)
:op2 (l / lead-01)
:op3 (a / accompany-01)
:ARG4 (o8 / *OR*
:op1 (p3 / place)
:op2 (l3 / location)
:op3 (p4 / position)
:op4 (s2 / spot)
:op5 (a4 / area)
:op6 (v2 / venue)
:op7 (z / zone)
:OR (o10 / *OR*
:ARG1-of (o9 / *OR*
:op1 (o12 / *OR*
:op1 (s5 / safe-41)
:op2 (s6 / secure-02)
:op3 (s7 / shelter-01)
:op4 (p6 / protect-01))
:op2 (o13 / *OR*
:op1 (h2 / harm-01)
:op2 (e2 / expose-01)
:op3 (r / risk-01)
:op4 (h3 / hazard-01)
:polarity -))
:mod (o11 / *OR*
:op1 (d3 / danger)
:op2 (p5 / peril)
:polarity -))))
:op2 (o6 / *OR*
:op2 (g / guide-01)
:op3 (s / see-02)
:op4 (d / direct-01)
:op5 (u / usher-02)
:op6 (s4 / steer-01)
:ARG2 o8)
:op3 (o7 / *OR*

:op1 (t / take-01)
 :op2 (c2 / conduct-01)
 :destination o8)
 :ARG1 o3
 :path (t5 / tunnel)
 :time (a5 / after
 :op1 (o2 / *OR*
 :op1 (s3 / strand-01)
 :op2 (l2 / leave-01
 :ARG2 (a3 / alone))
 :op3 (a2 / abandon-01)
 :op4 (d2 / desert-01)
 :op5 (i / isolate-01)
 :ARG1 (o3 / *OR*
 :op1 (p / passenger)
 :op2 (p2 / person
 :ARG0-of (o4 / *OR*
 :op1 (t2 / travel-01)
 :op2 (v / voyage-01)
 :op3 (c / commute-01)))
 :location (t3 / train)
 :quant 700)
 :duration (t4 / temporal-quantity
 :quant 2
 :unit (h / hour))))))

25. Last week there were three failed car bomb attacks in London and Glasgow , and Britain only yesterday lowered its terrorist alert level from " critical " to " serious . "

(a7 / and
 :op1 (o2 / *OR*
 :op1 (o16 / *OR*
 :op1 (a / attack-01)
 :op2 (a2 / assault-01)
 :op3 (a3 / assail-01)
 :instrument (o3 / *OR*
 :op1 (b2 / bomb)
 :op2 (e2 / explosive)
 :op3 (c2 / charge)
 :op4 (s2 / shell)
 :op5 (m / missile)
 :op6 (b3 / bombshell)
)

:op7 (p / projectile)
 :location (c / car)))
 :op2 (o17 / *OR*
 :op1 (e / explode-01)
 :op2 (d / detonate-01)
 :ARG1 o3)
 :op3 (s / strike-01
 :ARG2 o3)
 :op4 (b / blast-05
 :ARG0 o3
 :ARG1 c)
 :ARG1-of (o4 / *OR*
 :op1 (f / fail-01)
 :op2 (s3 / succeed-01
 :polarity -))
 :quant 3
 :location (a4 / and
 :op1 (c3 / city
 :name (n / name
 :op1 "London"))
 :op2 (c4 / city
 :name (n2 / name
 :op1 "Glasgow"))))
 :time (w / week
 :mod (o10 / *OR*
 :op1 (l / last)
 :op2 (p2 / previous))))
 :op2 (o5 / *OR*
 :op1 (l2 / lower-01)
 :op2 (d2 / decrease-01)
 :op3 (r / reduce-01)
 :op4 (d3 / diminish-01)
 :op5 (c5 / cut-02)
 :ARG0 (o6 / *OR*
 :op1 (c6 / country
 :name (n3 / name
 :op1 "Britain"))
 :op2 (c7 / country
 :name (n4 / name
 :op1 "United"
 :op2 "Kindom"))
 :op3 (c8 / country

```

        :name (n5 / name
              :op1 "UK"))
:op4 (c9 / country
      :name (n6 / name
            :op1 "Great"
            :op2 "Britain"))
:op5 (c10 / country
      :name (n7 / name
            :op1 "United"
            :op2 "Kingdom"
            :op3 "of"
            :op4 "Great"
            :op5 "Britain"
            :op6 "and"
            :op7 "Northern"
            :op8 "Ireland")))
:ARG1 (o7 / *OR*
      :op1 (l5 / level)
      :op2 (d4 / degree)
      :mod (o8 / *OR*
           :op1 (a5 / alert-01)
           :op2 (a6 / alarm-01)
           :op3 (w2 / warn-01)
           :mod (t2 / terrorist))
      :poss o6)
:ARG3 (o11 / *OR*
      :op1 (o12 / *OR*
           :op1 (c12 / critical)
           :op2 (e4 / extreme)
           :op3 (s5 / severe)
           :mod (o14 / *OR*
                :op1 (s7 / super)
                :op2 (m2 / mega)
                :op3 (h / hyper)))
      :op2 (o13 / *OR*
           :op1 (c11 / critical)
           :op2 (e3 / extreme)
           :op3 (s6 / severe)))
:ARG4 (o9 / *OR*
      :op1 (s4 / serious-41)
      :op2 (w3 / worry-01))

```

:time (y / yesterday
:mod (o15 / only))))

26. He spent 18 years out of an original total of 20 .

(o3 / *OR*
:op1 (p / put-05)
:op2 (s / spend-02)
:op3 (s3 / serve-01)
:op4 (e2 / experience-01)
:ARG0 (h / he)
:ARG1 (t / temporal-quantity
:quant 18
:unit (y / year)
:ARG1-of (i / include-91
:ARG2 (t2 / temporal-quantity
:unit (y2 / year
:ARG1-of (o / *OR*
:op1 (t4 / total-01)
:op2 (a / amount-01
:ARG1-of (t3 / total-01))
:op3 (s2 / sum-01)
:op4 (a2 / aggregate-01)
:op5 (n / number-01)
:ARG2 20))
:mod (o4 / *OR*
:op1 (o5 / original)
:op2 (i2 / initial)
:op3 (p4 / primary))))))