Matryoshka / Evidence Guide

Matryoshka: Source To Decision

Read the input and its local verdict first. Facts express the requirements of the input, not historical conclusions. Follow a selected source, inspect its exact quotation and original document, then compare the evidence with the final decision. The model digest is a separate summary written after the deterministic local result has been sealed.

The Evidence Boundary

The active saved experiments admit eligible documents dated on or before the input source date. CIB admits the earlier release of the originating document, but not its later release. Iran and Vietnam use CONFIDENTIAL evidence and exclude the entire originating SECRET cable; a document-wide NOFORN restriction remains a veto. Later PDFs may be inspected as originals, but inspection does not admit their contents as evidence. Historical results retain their original policy and are not relabeled.

Facts And Retrieval

The initial query-only model call extracts the visible input and splits it into facts. Redaction additionally has grammatical slot readings. Local search matches these facts to eligible source pages and source-grounded graph states; there is no whole-query lookup. Each displayed lookup identifies the fact, executed search and selected source it actually matched. A shared document does not prove that every fact matched.

Combining Search Results

BM25 ranks eligible pages separately for each factual search. Reciprocal rank fusion combines lists using weight/(60 + rank), with rank starting at 1. Within a redaction, searches serving the fact containing the selected blank form the focal group; other facts form the background group. The saved focal/background shares are applied to those groups, not to a known answer. A group absent from the input receives no allocation. Source-grounded node matches also seed graph navigation. The saved graph share combines the resulting page ranking with the lexical ranking through the same rank-fusion rule. These choices affect which evidence is inspected; they do not certify it.

The Local Graph Calculation

Navigation starts with normalized query-match weights p. At each iteration, x(next) = (1 - alpha)p + alpha P-transpose x; alpha = 0.85 means 15 percent restart and 85 percent transport. P is the eligible graph transition matrix. Each node divides its outgoing allocation equally between nonempty edge-kind and destination-type groups; within a group, source support determines the split. Membership links have unit weight. Communities, themes and domains add navigation states, not new historical claims. Semantic-node mass is shared among eligible source occurrences to rank pages. This deterministic calculation stops at a numerical error bound, not when an answer looks persuasive. Its parameters are engineering choices, not calibrated truth probabilities.

Graph Navigation

Facts to evidence shows retained source matches and their exact endpoints. Compact view hides facts without a retained connection; it does not discard evidence. Zoom and pan change the display only. View on KG navigates the existing corpus map, using actual source-backed connections and hierarchy membership. A post-run inspection path is not represented as the original search chronology or as a chain of historical entailment. Community membership is navigation, not evidence that an event occurred.

Reading Cable Layout

The ordinary structured matcher uses proper-name spellings already visible in the input to analyze matching uppercase source words. It does not supply a missing name or assert a new identity. A whitespace-only analysis view can repair grammar disrupted by line breaks; every lexical token must map back to the same original text span. If normalization would solely change an already recognized both-and coordination into a numeric qualifier, the complete original parse is retained after checking that the other lexical attributes agree. Source quotations, dates and character positions are retained. A nominal object complement can preserve a person and an office together in a parsed fact. These parsing controls do not relax negation, attribution, time or source eligibility.

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Evidence Accumulation

All three tasks use the same document-deduplicated evidence calculation within each fact or candidate. A page at saved retrieval rank r has weight w(r) = 0.5 + 0.5/(1 + log2(r)); an unrecorded rank receives 0.5. Multiply that weight by the applicable recorded evidence fit. Within each unit and direction, keep the largest contribution per document, then sum distinct-document contributions. Support, opposition and context stay separate. Repeating a passage or citing another page of the same document does not create another contribution to that unit. Overall totals add fact-wise indices, not independent document votes: one document may address several different facts.

Final Redaction Score

Final redaction ranking preserves evidence sufficiency first and source-owned function priorities next. Nine existing source/function checks form a binary band B: a satisfied check at position i contributes 2^(8-i). A verified visible-role attachment, when the selected constructor declares it, contributes another 512. These are actual source features, not candidate positions. Fit F combines owned relation (0.32), owned role (0.16), source type (0.16), focal overlap (up to 0.16) and a literal visible-context anchor (0.20). With document-deduplicated S, O and C, compute u=(S+F+0.5C)/(1+O) and score=T+(B+u/(1+u))/1024. T is 2 for evidence-backed, 1 for partial grounding with an established requirement, otherwise 0. Evidence quantity cannot outweigh a higher source-function band or create support. Source position breaks exact ties; repeated surface/family alternatives are collapsed. The banded score is not a probability or a confidence margin.

Hypothesis And Mosaic Scores

Each fact shows its support, opposition and context sums. Hypothesis net evidence is S - O; the signed sums remain visible so conflict is not hidden by cancellation. Mosaic also shows the fraction of applicable recorded criteria that passed. A complete source-owned certificate may establish a fact even with a numerical score below 1. Conversely, a large relevance or context score cannot establish it. These are deterministic evidence indices, not calibrated probabilities or cross-case confidence estimates. The logical decision gates are not relaxed to manufacture a supported answer.

Scope Limitations

The local matcher is not a general entailment oracle. Tests found cases where adjective-level either-or or neither-nor wording incorrectly received support for a narrower component. The layout fix does not repair those pre-existing scope errors. Selected positive examples are screened for dependence on that failure; other Live questions can still expose it. Inspect the full source wording, especially disjunction, attribution and temporal qualifications, rather than treating a support label or numerical score as independent verification.

Inspecting Sources

Click a quotation to open the full available transcription at its exact highlighted span. Highlight coordinates replay against the source text and hash; repeated words are not guessed. CIB offers both original PDF releases at recorded physical pages after the text. Click an input redaction to reveal a supplied reference, and click again to remask it. A still-withheld reference remains unknown. Reference reveals and later originals are inspection material, never model answer inputs.

Live Analysis

Live uses the same query-only planning, local evidence processing and final scoring contract, with a bounded interactive search: 16 documents, 32 passages, 8 construction pages and 12 completed drafts per reading. These limits can yield different results from the larger saved experiments. Leave the source document blank for an analyst-authored input. The date defaults to the last eligible corpus day; its displayed inclusive date is converted to an exclusive next-day engine boundary exactly once. A private authenticated backend holds the OpenAI key and enforces the spending limit. The static website contains no provider credential. Live source handoffs remain inspectable; its corpus-map link is independent exploration, not a replay of an unsaved graph walk. The final digest cannot change the saved local decision. Completed public result envelopes can be reopened from the current browser tab without another model call; passwords and session tokens are not stored with them.

Visiting Delegation: Context Comparison

Five paragraph-window pairs were attempted for the two authentic still-withheld delegation slots. Nine inputs produced valid executions; the last input in the full five-paragraph pair did not pass the visible-text planning contract. The nine completed viable pools did not contain Swedish or Swedes. One shorter first-gap input nominated Swedish, but it did not clear the recorded construction checks. This is a diagnostic of the suggested spelling, not measured correctness: no historical answer key is available. The final workbench uses the preferred P1+P3+P4 context for both gaps, without the final Swedes paragraph. The earlier release of the 17 February 1959 origin is eligible; its later text is not retrieved evidence.

CIB / Arias and the Panama unrest

Input: The 22 May riots in Panama against President de la Guardia's administration have led him to declare a state of siege and may erupt into full-scale revolution. The strong national guard, whose repression of student demonstrations earlier this week resulted in one death and widespread and violent resentment, has announced that it is slowly re-gaining control of Panama City. The guard has orders to kill. The students have been joined in a general strike against the government by labor unions and other groups, but appear to have lost control of the disturbance to hoodlums. The latter are probably incited by powerful opposition politicians [REDACTION] who are trying to oust the President. Similar riots are occurring in Colon, the northern terminus of the canal. Local result: Ranked source-grounded suggestions. Candidates: 1. like Arias (0.27, contextual); 2. like First Vice President Diaz (0.27, contextual); 3. like the disgruntled Diaz (0.27, contextual); 4. like former President Harmodio Arias (0.27, contextual); 5. like President Remon (0.27, contextual). Evidence source date: 1958-05-23.

CIB / The air force commander's doubts

Input: The government's subsequent mistrust of officers who did not give all-out support to Diem has also had an unsettling effect. Diem's foot-dragging in carrying out a promised government reorganization prompted [REDACTION] to express doubt that Diem intended to do more than replace one group of "yes men" with another; a similar complaint was made recently by [MASKED]. Local result: Ranked source-grounded suggestions. Candidates: 1. the air force commander (0.13, contextual); 2. doubt (2.21e-03, contextual); 3. reforms (2.21e-03, contextual); 4. reorganization (2.21e-03, contextual); 5. reorganization of the command structure (2.21e-03, contextual). Evidence source date: 1961-03-29.

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CIB / Betancourt and the Caribbean crisis

Input: The Caribbean Crisis The determination of leftists and liberals led by the Fidel Castro government of Cuba [REDACTION 1] to overthrow the Trujillo dictatorship in the Dominican Republic and the Somoza regime in Nicaragua has brought the contenders close to war. The situation also seriously threatens other governments, particularly the weak unpopular regime in Haiti. Military action has thus far been confined to rebel incursions into Nicaragua and the Dominican Republic, but may extend to counteraction by the beleaguered regimes against governments supporting the insurgents. Generalissimo Trujillo told the American ambassador on 20 June that "defensive military action" against Cuba will become "imperative" in the event of further insurgent landings. The armed forces chief of Nicaragua has also considered action against the hostile governments. Latin American Communists, who are particularly influential among the Cuban-backed rebel groups, would probably win influence in any postrevolutionary governments. Local result: Ranked source-grounded suggestions. Candidates: 1. and Betancourt (0.38, contextual); 2. and Dominican dictator Trujillo (0.25, contextual); 3. and Provisional President Urrutia (0.25, contextual); 4. and Batista (0.25, contextual); 5. and Trujillo (0.25, contextual). Evidence source date: 1959-06-27.

CIB / An assessment of Panama's ruling oligarchy

Input: LATE ITEM *Panama: Further anti-American rioting and attempted incursions into the Canal Zone may follow yesterday's outbreaks. The wounding of several Panamanians by US troops, who defended Canal Zone entrances when the Panamanian National Guard failed to do so, may serve as a pretext for extremists to provoke additional disorder during the next few days. Panamanian grievances against the American administration of the Canal Zone are being exploited by nationalist politicians maneuvering in anticipation of next May's presidential election. The [REDACTION 1] ruling oligarchy in Panama appears willing to use anti-American sentiment regarding the Canal Zone in order to divert attention from the underlying social discontent of the lower income groups.[REDACTION] Local result: Ranked source-grounded suggestions. Candidates: 1. corrupt (0.09, contextual). Evidence source date: 1959-11-04.

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CIB / Aung Gyi and the Burma-China agreement

Input: The agreement is said to have been drafted at [REDACTION] initiative; he reportedly guaranteed to the Chinese that their military actions would receive no publicity in Burma. Only a handful of Burmese officials know of the agreement, and even Prime Minister Nu professes not to have been officially informed. Nu stated flatly in a press conference on 20 December that there was no agreement, and that if there were Chinese Communist troops in Burma who refused to leave, "they would be driven out." Official acknowledgment of this military cooperation would arouse widespread apprehension in Burma. Local result: Ranked source-grounded suggestions. Candidates: 1. Deputy Prime Minister Kyaw Nyein's (0.33, contextual); 2. Turkish prime minister Menderes's (0.33, contextual); 3. Nu's (0.33, contextual); 4. General Ne Win's (0.27, contextual); 5. Chou En-lai's (0.27, contextual). Evidence source date: 1960-12-28.

CIB / A reported interior-ministry appointment

Input: Colonel Alberto Escamilla was reportedly appointed minister of interior. Local result: Supported by eligible evidence. Facts: Colonel Alberto Escamilla was reportedly appointed minister of interior. - support. Evidence source date: 1961-01-17.

CIB / Rural organization and reported journeys

Input: El Salvador's Communist-dominated labor federation had announced plans to organize peasant committees, and fourteen PRAM leaders were reported to have left or to be about to leave for Cuba. Local result: Evidence-backed mosaic. Facts: El Salvador's Communist-dominated labor federation had announced plans to organize peasant committees. - established; Fourteen PRAM leaders were reported to have left or to be about to leave for Cuba. - established. Evidence source date: 1961-01-17.

CIB / Why the Salvadoran military became concerned

Input: The armed forces, which had been virtually paralyzed by disunity, appear to have been spurred to cooperation by increasingly bold Communist activity in recent weeks. Unrestricted Communist organizational activity among the [REDACTION] Salvadoran peasants and the visit to Cuba earlier this month of a group of Salvadoran extremists have particularly heightened the concern of the military. Local result: Ranked source-grounded suggestions. Candidates: 1. easily politically manipulated (2.12, evidence-backed); 2. poorer (0.03, contextual). Evidence source date: 1961-01-17.

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IRAN / Parliament Approves Bakhtiar's Government

Input: Majlis approved Bakhtiar's government. Local result: Supported by eligible evidence. Facts: Majlis approved Bakhtiar's government. - support. Evidence source date: 1979-02-06.

IRAN / Tehrani Resigns and Challenges the Regency Council

Input: Tehrani resigned from the Regency Council and stated that the Regency Council was illegal. Local result: partial reconstruction. Facts: Tehrani resigned from the Regency Council. - partial; Tehrani stated that the Regency Council was illegal. - insufficient. Evidence source date: 1979-01-25.

IRAN / Government, committees and political influence

Input: AS REVOLUTIONARIES, BAZARGAN AND HIS PEOPLE ARE BASICALLY CONSERVATIVES. AMONG BAZARGAN'S CLOSEST COWORKERS, [REDACTION] APPEARS THE MOST RADICAL, BUT THAT PROBABLY STEM FROM THE ROLE HE IS PLAYING AS A BRIDGE BETWEEN THE GOVERNMENT AND THE COMMITTEES. Local result: Ranked source-grounded suggestions. Candidates: 1. YAZDI (0.27, contextual); 2. POL COUNSELOR (0.27, contextual); 3. AMBASSADOR (0.27, contextual); 4. MOHAMMAD REZA MAHDAVI-KANI (0.27, contextual); 5. BAZARGAN (0.27, contextual). Evidence source date: 1979-04-13.

VIETNAM / NVA Attacks in Eastern Military Region 3

Input: The NVA mounted stiff attacks in the eastern sections of MR-3. Local result: Supported by eligible evidence. Facts: The NVA mounted stiff attacks in the eastern sections of MR-3. - support. Evidence source date: 1975-03-19.

VIETNAM / NVA Attacks and Delta Activity

Input: The NVA mounted stiff attacks in the eastern sections of MR-3, and the Delta experienced the highest level of activity since the ceasefire. Local result: partial reconstruction. Facts: The NVA mounted stiff attacks in the eastern sections of MR-3. - established; The Delta experienced the highest level of activity since the ceasefire. - insufficient. Evidence source date: 1975-03-19.

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VIETNAM / A concealed command role

Input: THE [REDACTION], BGEN HUYNH VAN LAC, CONFIRMED JUNE 25 THAT ON A NUMBER OF OCCASIONS SINCE CF II VC/ NVA HAVE ATTEMPTED VERY LOW LEVEL CONTACTS BETWEEN GUERILLA FORCES AND RF / PF UNITS. Local result: Ranked source-grounded suggestions. Candidates: 1. MR IV CHIEF OF STAFF (0.50, contextual); 2. ARVN 5 TH DIV CG BG LICH (0.27, contextual); 3. GVN REP (0.27, contextual); 4. BGEN LE VAN HUNG (0.27, contextual); 5. BGEN NGUYEN THANH HOANG (0.27, contextual). Evidence source date: 1973-06-28.

CIB / Visiting delegation

Input: Soviet Marshal Malinovsky told a visiting [MASK] military delegation [REDACTED] that the USSR intends to retain a modern conventional capability while building up its nuclear strength. The defense minister implied that some military leaders had favored preparing a nuclear capability at the expense of conventional forces, but that the government Presidium had decided in favor of simultaneous development, which he personally approved. NATO, Malinovsky noted, had adopted the other course, and he considered this an error. Malinovsky told the delegation that all agreed that nuclear weapons would be decisive in a general war but that other arms and weapons would continue to play a major role--a line both he and former Defense Minister Zhukov have expounded. The [REDACTED] delegation apparently learned nothing about the present state of the Soviet ICBM program, except that ICBMs were referred to in the present tense. It was stated that intermediate-range ballistic missiles now cover Western bases in Europe. Local result: Ranked source-grounded suggestions. Candidates: 1. Soviet (0.09, partial grounding); 2. Italian (0.09, contextual); 3. Chinese (0.09, contextual); 4. French (0.03, partial grounding); 5. Yugoslav (0.03, contextual). The reference remains withheld; candidate rank is not an exact-recovery measurement. Evidence source date: 1959-02-17.

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