System Summary and Timing
Organization Name: Rutgers/APLab-Data Fusion
List of Run ID's: rutfu[r,a][1,2]

- Construction of Indices, Knowledge Bases, and other Data Structures
  - Methods Used to build Data Structures
    - Length (in words) of the stopword list : As Inquery 2.0
    - Controlled Vocabulary? : As Inquery 2.0
    - Stemming Algorithm: As Inquery 2.0
      - Morphological Analysis: As Inquery 2.0
    - Term Weighting: As Inquery 2.0
  - Manually Constructed Queries (Ad-Hoc)
    - Topic Fields Used: all
    - Average Time to Build Query (in Minutes): 3
    - Type of Query Builder
      - Domain Expert: No. Simple entry of content words from topic, assembled into a Boolean AND of (ORs) structure.
    - Method used in Query Construction
      - Boolean Connectors (AND, OR, NOT)? : Yes. AND OR
  - Manually Constructed Queries (Routing)
    - Topic Fields Used: All
    - Average Time to Build Query (in Minutes): 3
    - Type of Query Builder
      - Domain Expert: No. Simple entry of content words from topic, assembled into a Boolean AND of (ORs) structure.
    - Method used in Query Construction
      - Boolean Connectors (AND, OR, NOT)? : AND OR

- Searching
  - Search Times
    - Computer Time to Search (Average per Query, in CPU seconds): As for Inquery. But multiplied by 3 because 3 runs are combined in each fusion. The fusion program takes less than 1 minute to run per topic.
  - Machine Information
    - Machine Type for TREC Experiment: For basic retrieval, as for the Inquery group. For Fusion. Sparc 10
    - Was the Machine Dedicated or Shared: Shared
  - System Comparisons
    - Amount of "Software Engineering" which went into the Development of the System: For the fusion: Two person-weeks
    - Given appropriate resources
      - Could your system run faster? : Yes
      - By how much (estimate)? : Factor 5 on fusion