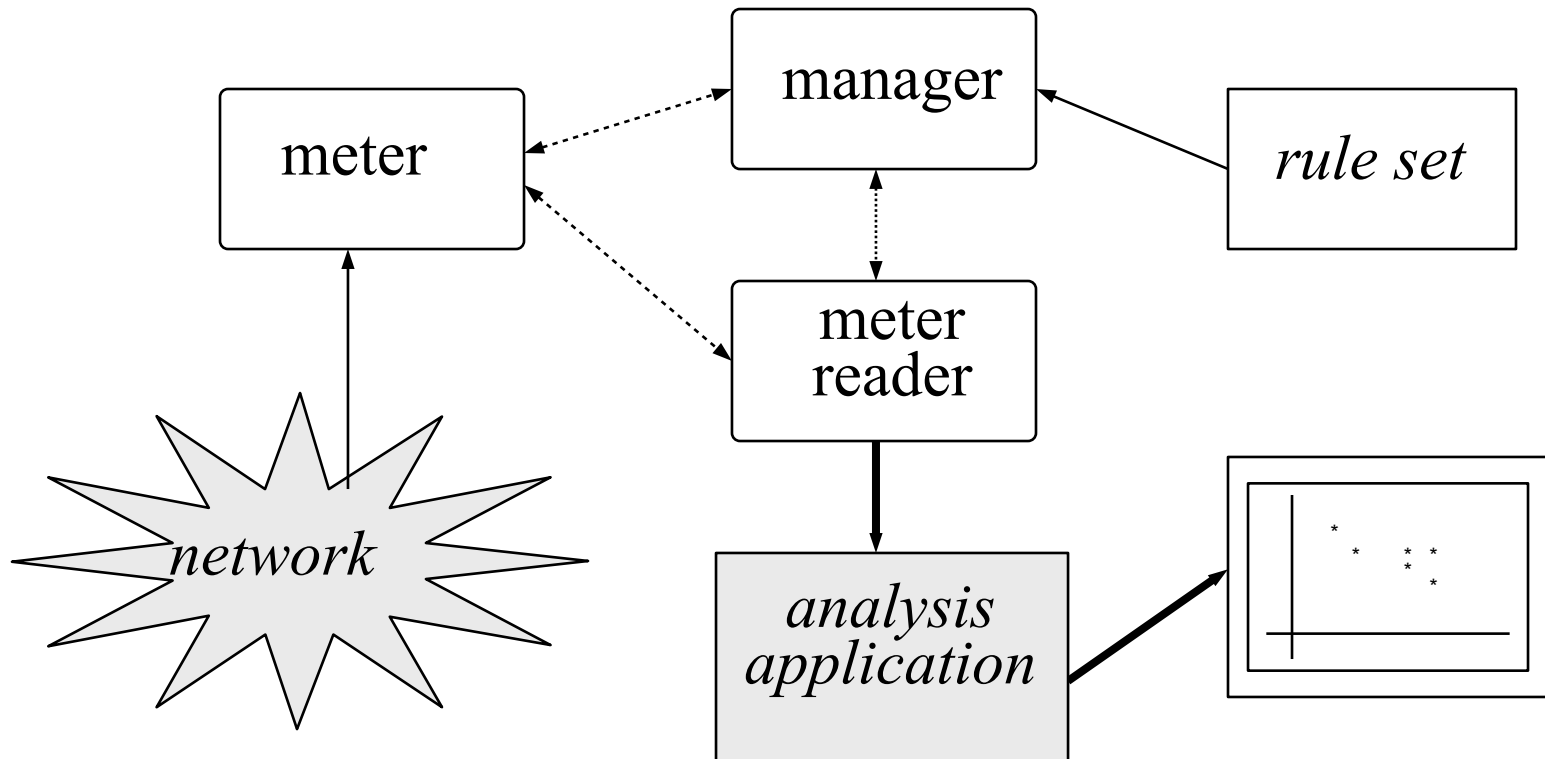


# **RTFM Meter Overview**





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# ***RTFM Architecture***








# *Rule Sets*

-  **Flows** are streams of packets from one end point to another. End points specified as (Adjacent, Peer, Transport) values
-  **Flows** are *bi-directional*, with packet and byte counters for each direction
-  **Rule sets** specify which flows are of interest, and which attribute values are to be saved in the flow
-  **This** allows a meter to select very specific flows from a busy link

# *Packet Matching*

- For each flow, meter maintains separate packet and byte counters for Source-to-Dest packets and Dest-to-Source packets**
- Meter first attempts to match the packet using address values in 'on the wire' order**
- If that fails, it tries again with Source and Dest addresses swapped**
- A rule set can use this to specify which end-point is wants as Source for a flow**

# *Flow Attributes*

-  **Address info: Adjacent / Peer / Transport Type, Source and Dest Addresses**
-  **Forward / Backward Packet / Byte counts**
-  **Times First and Last packet seen for flows**
-  **Computed attributes, set by meter as specified by rule set**
-  **What other attributes would be useful ?**