

HMED-C

HMED-C (Hydra Mediation — Collector) CDR (HMED-M).

:

- 1. CDR — . . . CDR.
- 2. CDR — . . .
- 3. CDR , HMED-M. . , CDR , .

:

```
# CDR
destinations:
  amqp:
    mediation:
      # CDR HMED-M
      # sources.amqp.mediation.consumer HMED-M
      producer: amqp/mediation
    error:
      # CDR,
      producer: amqp/error

# CDR
handlers:
  default:
    destinations:
      # CDR; , destinations, /
      - amqp/mediation
    error:
      destinations:
        # CDR,
        - amqp/error

#
workers:
  # collector switch
  # collectors,
  - collector: file/switch
```

CDR

, CDR, , cdr_12345.log /cdr.

:

/etc/hydra/hmed/collecting/collectors/collector.yml

```
collectors:
  #
  file:
    #
    switch:
      #      CDR
      parser: plain/switch_2
      #      CDR
      paths:
        - directory: /var/cdr/ #      CDR
          filename_pattern: ^cdr_\d+\.\log$ # ,      CDR
```

, CDR , paths .
create , CDR .

CDR

, CDR :

CDR

C2905117 4999224453 C2505821 84997242904 31-01-12 18:58:10 4 16
C2905111 4999224453 C2505808 84957491303 31-01-12 18:56:25 108 16
C2905118 4999224453 C2505822 84952589899 31-01-12 18:58:12 0 21

CDR : , , , , , - .
:

/etc/hydra/hmed/collecting/parsers/parser.yml

```
parsers:
  plain:
    #
    switch_2:
      cdr_delimiter: "\n" # CDR ( )
      preprocessors:
        #
        - type: trim #
          direction: left # , : left, right, both
          char: ' ' #
        - type: substring # ('test' -> 'es')
          begin: 1 # ( )
          end: -1 # ( -1 , )
      records:
        - matcher:
            # CDR
            # 1 2 3 4 5 6 7
            # trk_a station_a trk_b station_b day month year hour minute second dur status
            pattern: ^(\w+) (\d+|-)[^\s]* (\w+) (\d+)[^\s]* (\d{2}-\d{2}-\d{2} \d{2}:\d{2}:\d{2}) (\d+) (\d+)$
            fields:
              map:
                # CDR ,
                # $g1, $g2 ..
                # $g0
                trunk_a: $g1
                station_a: $g2
                trunk_b: $g3
                station_b: $g4
                call_datetime: $g5
                duration_sec: int($g6) #
                termination_code: $g7
        - matcher:
            min_length: 50 # CDR, >= 50
            fields:
              delimiter: '\s+' # ( )
              map:
                trunk_a: $f1 #
                station_a: $f2 # ..
                trunk_b: $f3
                station_b: $f4
                call_datetime: $f5
                duration_sec: int($f6)
                termination_code: $f7
                entire_cdr: $f0 # $f CDR
```

CDR JSON:

CDR

```
[
  {trunk_a: 'C2905117',
   station_a: '4999224453',
   trunk_b: 'C2505821',
   station_b: '84997242904',
   call_datetime: '31-01-2012 18:58:10',
   duration_sec: 4,
   termination_code: '16'},
  ...
]
```