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psychoep initial commit

Latest commit 60f359a 3 minutes ago

History

1 contributor

46 lines (39 sloc) | 819 Bytes

Raw

Blame



```
1  /*
2  concept writer*/
3
4  template <class T>
5  struct trivial_schema
6  {
7      typedef T record_type;
8
9      template <typename X>
10     record_type operator <<(X v)
11     {
12         return v;
13     }
14 };
15
16 template </*writer*/ class W>
17 class disklog
18 {
```

```
19     W writer_;
20     public:
21         explicit disklog(W _writer)
22             : writer_( _writer) { }
23
24         void operator ()(const typename W::record_type &record)
25         {
26             writer_.write_record(record);
27         }
28
29         void operator ()(typename W::record_type &&record)
30         {
31             writer_.write_record(record);
32         }
33
34         template <class Schema, class T>
35         void operator ()(const std::variant<std::monostate, Schema, T> &v)
36         {
37             const T &value = v.get<T>();
38             const typename Schema::record_type r = Schema() << value;
39             (*this)(r);
40         }
41
42         /*template <class Schema, class T>
43         void operator ()(std::variant<std::monostate, Schema, T> &&v)
44         {
45             }*/
46     };
```