Dateien analysieren

```
@Def(file: ana.cpp)
    @put(main prereqs);
    int main(
        int argc, const char *argv[]
        @Put(parse args);
        @put(read input);
        @put(write table);
@End(file: ana.cpp)
```

Datenstruktur für Statistik



@def(main prereqs)
 #include <map>
 @Put(def collection);
 Collection collection;
@end(main prereqs)

@add(main prereqs) #include <iostream> @end(main prereqs)

```
@def(read input)
    @Put(init state);
    char ch;
    while (std::cin.get(ch)) {
        @Put(add to collection);
@end(read input)
```



```
@def(write table)
    for (const auto &e : collection) {
        @Put(write key);
        std::cout << "\t" <<</pre>
             e.second << "\n";
@end(write table)
```

```
@add(main preregs)
    #include <cctype>
    void write byte(char b) {
        if (isprint(b) &&
            b != '%' && b > '
            std::cout << b;
        } else {
            @put(write escaped);
@end(main preregs)
```

```
@def(write escaped)
    static const char digits[] =
        "0123456789abcdef";
    std::cout << '%' <<
         digits[(b >> 4) & 0xf] <<
         digits[b & 0xf];
    @end(write escaped)</pre>
```

