

# Repeated Search

With `std::regex_iterator` and `std::regex_token_iterator`, you can iterate through character pattern in a text.

- `std::regex_iterator` supports
  - The result and their capture groups.
- `std::regex_token_iterator` permits
  - To directly address the components of the capture group.
  - To substitute the string between the matches by a negative index.



Don't use `std::regex_search` to iterate over the character pattern in the text.