






```

...
@Value("classpath:templates/get-ner-yaml-prompt.st")
private Resource artifactNERYAMLPrompt;

@Override
public Answer getNERinYAMLForArtifact(ArtifactRequest artifactRequest) {

    String chatResponse = this.chatClient.prompt()
        .options(ChatOptions.builder()
            .model("gemini-2.0-flash")
            .temperature(0.1)
            .topP(1.0)
            //.topK(30)
            .maxTokens(250)
            //.frequencyPenalty(0.1)
            //.presencePenalty(0.1)
            .build())
        .user(u -> u.text(this.artifactNERYAMLPrompt)
            .params(Map.of("titolo", artifactRequest.artifact().title(),
                "sottotitolo", artifactRequest.artifact().subtitle(),
                "corpo", artifactRequest.artifact().body()))
        .templateRenderer(StTemplateRenderer.builder().startDelimiterToken('{')
            .endDelimiterToken('}')
            .build())
        .call()
        .content();

    return new Answer(chatResponse);
}
}

```

Note

[illegible]

```
package it.venis.ai.spring.demo.controllers;

import org.springframework.web.bind.annotation.RestController;
...
import it.venis.ai.spring.demo.services.GeminiFromClientService;
import org.springframework.web.bind.annotation.PostMapping;
import org.springframework.web.bind.annotation.RequestBody;

@RestController
public class QuestionFromClientController {

    private final GeminiFromClientService geminiService;

    ...

    @PostMapping("/client/definition/json/user")
    public Answer getJSONUserFormatDefinition(@RequestBody DefinitionRequest definitionRequest) {

        return this.geminiService.getJSONUserFormatDefinitionFromClient(definitionRequest);

    }

    ...

    @PostMapping("/client/ner/yaml")
    public Answer getNERinYAML(@RequestBody ArtifactRequest artifactRequest) {

        return this.geminiService.getNERinYAMLForArtifact(artifactRequest);

    }

}
```

Note

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

-  Simone Scannapieco

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page, typical of notebook or legal stationery. There are no margins, text, or other markings on the paper.

Branch: 14-spring-ai-gemini-few-shot-prompting

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