

[illegible]

# SPRING AI

## GENERATIVE ARTIFICIAL INTELLIGENCE CON JAVA

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Corso avanzato per Venis S.p.A, Venezia, Italia

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### Note

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-  Simone Scannapieco

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### Note

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```
docker model pull ai/gemma3
```

```
docker model run ai/gemma3
```

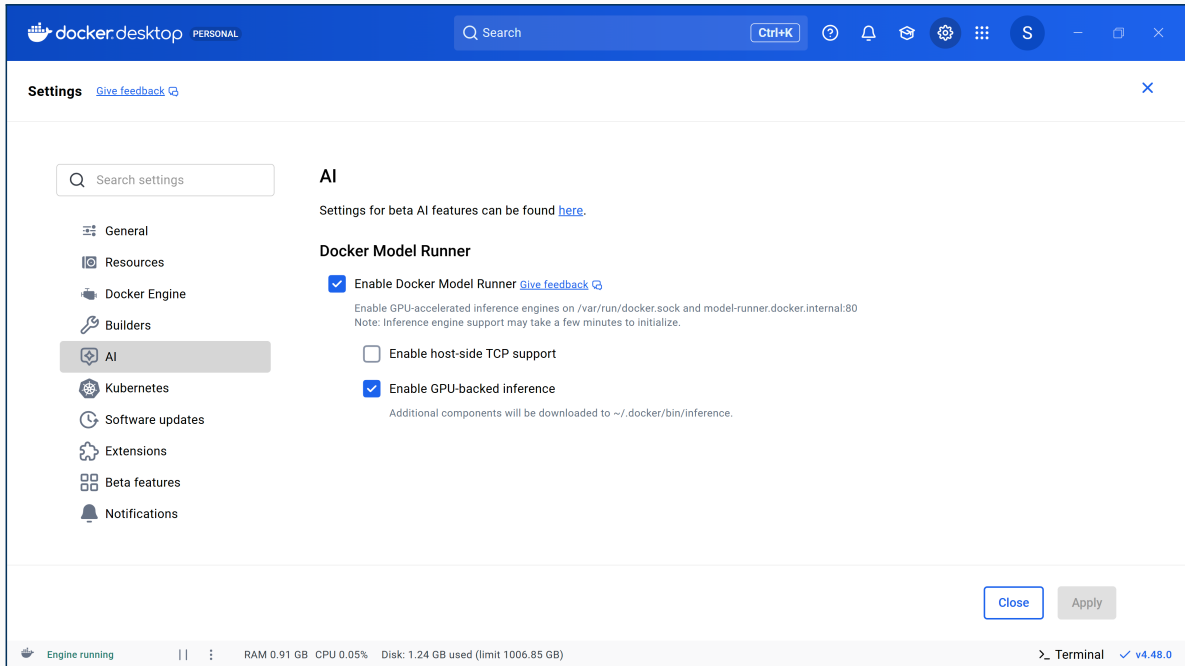
```
docker model list
```

```
docker model rm ai/gemma3
```

### Note

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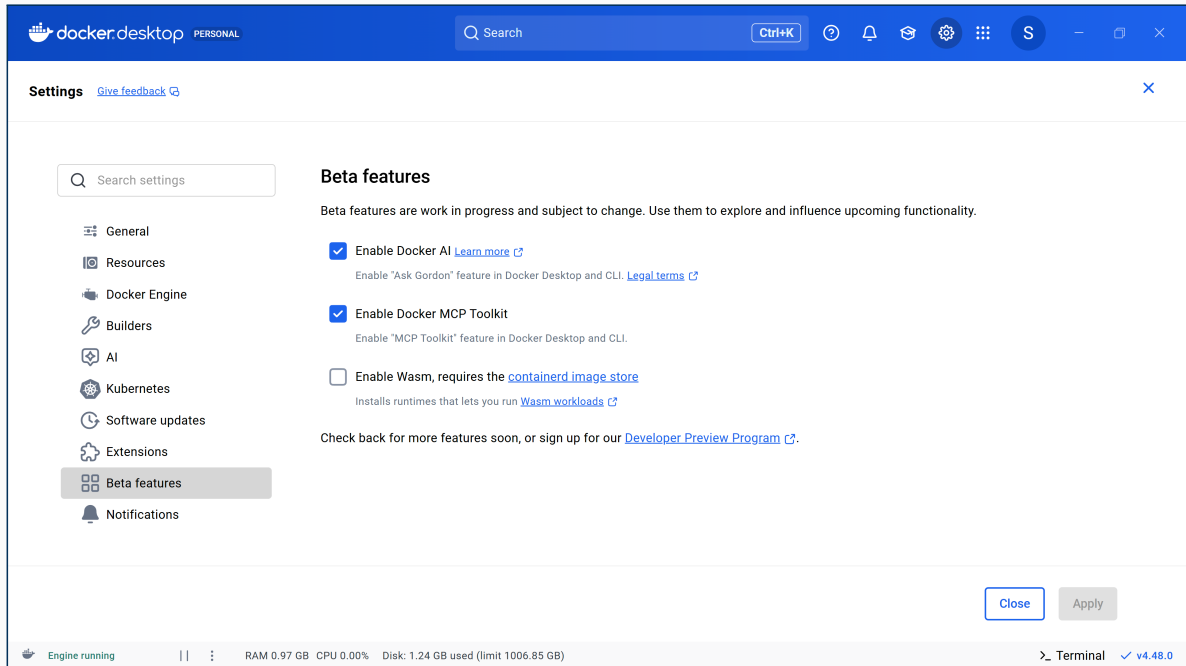
## 1 Verificare le impostazioni relative ad AI



### Note

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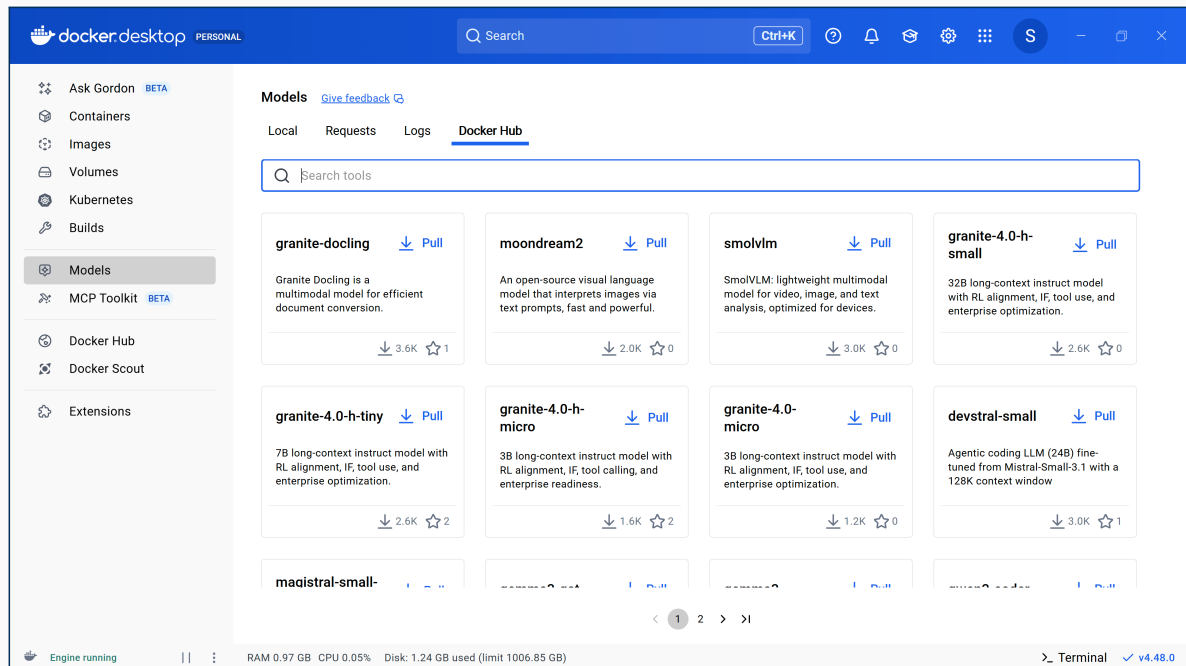


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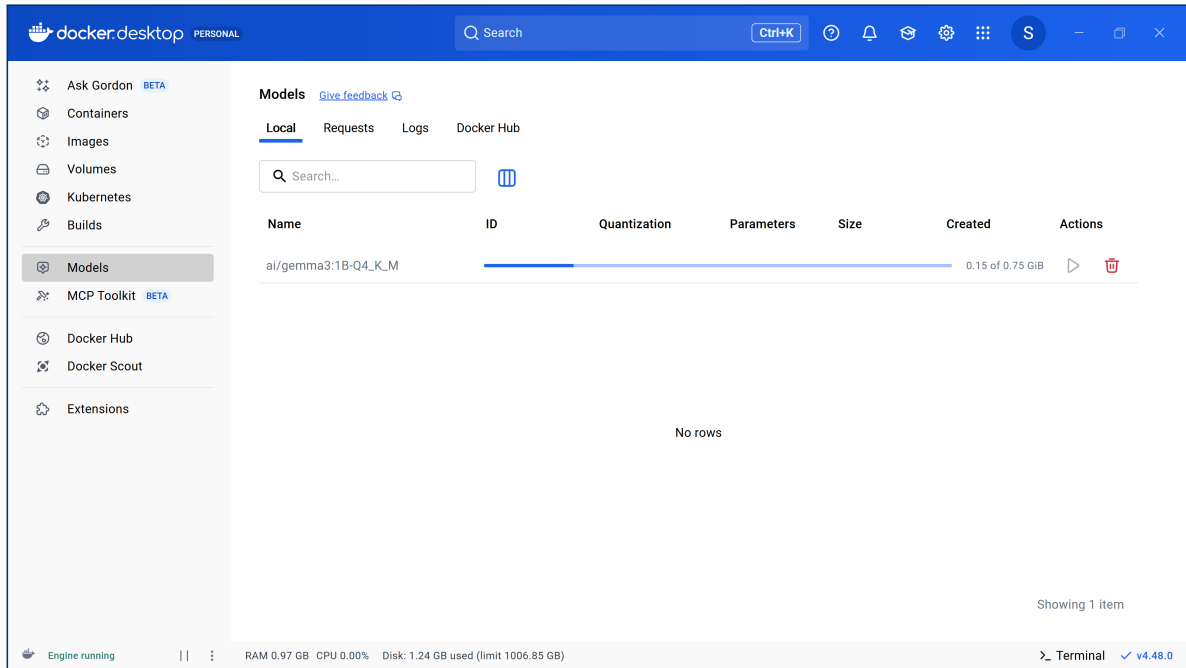
### 3 Accedere al pannello Docker Hub della sezione Models



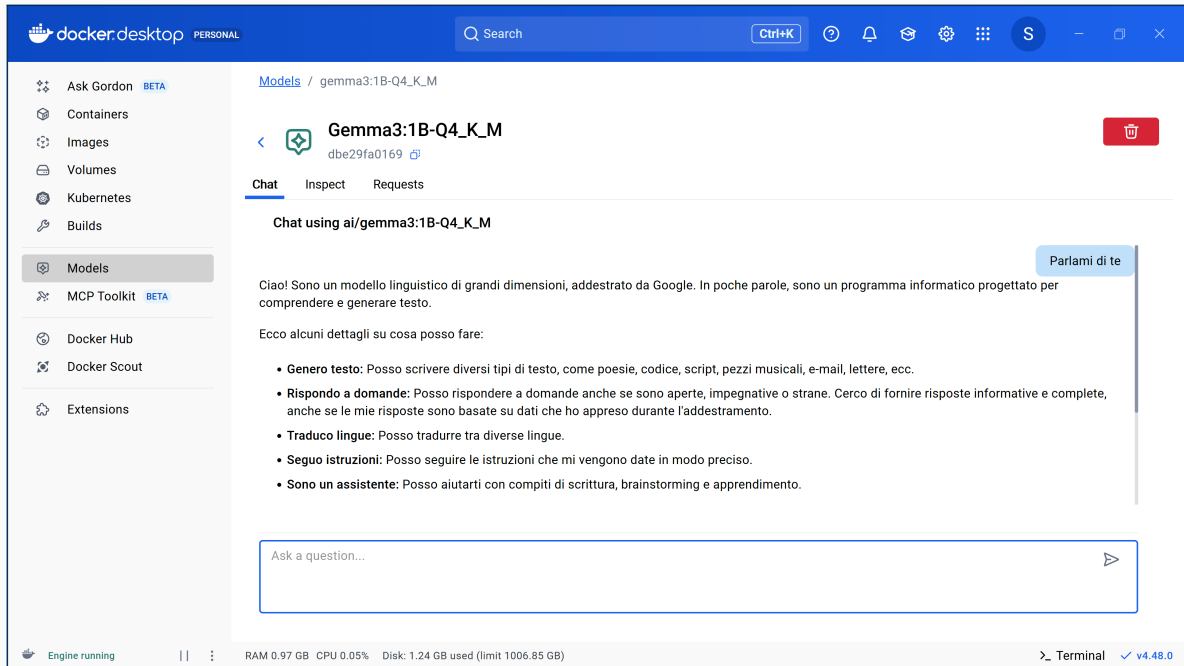
### Note

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.

## 4

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## Note

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➡ Come fosse un servizio OpenAI!

**File** pom.xml

```
...
<dependencies>
  <dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-web</artifactId>
  </dependency>
  <dependency>
    <groupId>org.springframework.ai</groupId>
    <artifactId>spring-ai-starter-model-openai</artifactId>
  </dependency>
...

```

## File application.yml

```
spring:
  application:
    name: demo

ai:
  openai:
    api-key: pippoplutopaperino
    base-url: http://localhost:12434/engines
    chat:
      options:
        model: ai/gemma3
```

### Note

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