

# About Flowers and Bees

(Original Queries without Processing)

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# Foreword

write a foreword for the book About Flowers and Bees

## About the Author

write something about Meta AI's Large Language Model 7B

# About Flowers

write something about Flowers in general

## Flowers in our daily life

write something about Flowers in our daily life

*in context:* continue with additional aspects about Flowers in our daily life

*in context:* continue with additional aspects about Flowers in our daily life

## Flowers in mathematics

write something about Flowers in mathematics

*in context:* continue with additional aspects about Flowers in mathematics

*in context:* continue with additional aspects about Flowers in mathematics

## Flowers in engineering

write something about Flowers in engineering

*in context:* continue with additional aspects about Flowers in engineering

*in context:* continue with additional aspects about Flowers in engineering

## Flowers in modern art

write something about Flowers in modern art

*in context:* continue with additional aspects about Flowers in modern art

*in context:* continue with additional aspects about Flowers in modern art

# About Bees

write something about Bees in general

## Bees in our daily life

write something about Bees in our daily life

*in context:* continue with additional aspects about Bees in our daily life

*in context:* continue with additional aspects about Bees in our daily life

## Bees in mathematics

write something about Bees in mathematics

*in context:* continue with additional aspects about Bees in mathematics

*in context:* continue with additional aspects about Bees in mathematics

## Bees in engineering

write something about Bees in engineering

*in context:* continue with additional aspects about Bees in engineering

*in context:* continue with additional aspects about Bees in engineering

## Bees in modern art

write something about Bees in modern art

*in context:* continue with additional aspects about Bees in modern art

*in context:* continue with additional aspects about Bees in modern art

# Relations

write something about Relations between the terms Flowers and Bees in general

## Relations between Flowers and Bees

write something about Relations between Flowers and Bees

*in context:* continue with additional aspects about Relations between Flowers and Bees

*in context:* continue with additional aspects about Relations between Flowers and Bees

# Synergies

write something about Synergies between Flowers and Bees in general

## **Synergies between Flowers and Bees**

write something about Synergies between Flowers and Bees

*in context:* continue with additional aspects about Synergies between Flowers and Bees

*in context:* continue with additional aspects about Synergies between Flowers and Bees

# Importance for a safe and sustainable Future

line out the problem of carbon energies the danger of nuclear power plants and the importance of a great switch to sustainable energies

line out the importance of Flowers and Bees for the future of enabling sustainable energy

explain how Flowers and Bees can improve the efficiency of power distribution network

explain how Flowers and Bees can improve demand side management

explain how Flowers and Bees can help to avoid peaks in power demand

*in context:* line out what research, like which is done at the RWTH Institute for Automation of Complex Powersystems (ACS) can do for a better exploitation of the before mentioned Flowers and Bees based technologies in the field of sustainable energy

# Conclusions

write final conclusions about relations and synergies between Flowers and Bees

write final conclusions about how Flowers and Bees can enable sustainable energies like shown at RWTH Institute for Automation of Complex Power Systems research

write final conclusions for the book About Flowers and Bees

# Acknowledgements

write acknowledgements for the book About Flowers and Bees

# Appendix A: Structure Code Used for Generation of Queries

## File `mk_document.sh`

```
Code
. config.sh

. foreword.sh >foreword.md

TOPIC="Flowers"
. about.sh >about_flowers.md

TOPIC="Bees"
. about.sh >about_bees.md

. relations.sh >relations.md
. synergies.sh >synergies.md
. importance.sh >importance.md
. conclusions.sh >conclusions.md
. acknowledgements.sh >acknowledgements.md
```

## File `config.sh`

```
Code
# GENERAL OPTIONS
TECHNOLOGY="Flowers and Bees"
TITLE="About $TECHNOLOGY"
AUTHOR="(Original Queries without Processing)"

# CHAPTER OPTIONS
CHAPTERS="foreword.md about_flowers.md about_bees.md relations.md synergies.md importance.md conclusions.md
↪ acknowledgements.md"

# PDF OPTIONS
FORMAT="-V documentclass=report -V eometry:margin=3.0cm -V geometry:a4paper"
# FORMAT="-V documentclass=book"
OUTFILE="AboutFlowersDebug.pdf"

# AI OPTIONS
LLAMA_MODEL="7B"
LLAMA_OPTIONS_Q="-n 128 -c 1024 --temp 0.1 -m weights/$LLAMA_MODEL.bin --n_parts 1 --top_k 20 --top_p 0.25"
LLAMA_OPTIONS_C="-n 512 -c 1024 --temp 0.1 -m weights/$LLAMA_MODEL.bin --n_parts 1 --top_k 20 --top_p 0.25
↪ --repeat_last_n 128 --repeat_penalty 1.3"

# DEBUG OPTIONS (comment out debug for no debug)
DEBUG="1"
```

## File foreword.sh

```
Code
A="./q.sh write something about Meta AI\'s Large Language Model $LLAMA_MODEL"
Q="./q.sh write a foreword for the book $TITLE"

echo "# Foreword"
$Q
echo

echo "## About the Author"
$A
```

## File about.sh

```
Code
. qdefault.sh

echo "# About $TOPIC"
$Q in general
echo

echo "## $TOPIC in our daily life"
$Q in our daily life
echo
$C in our daily life
echo
$C in our daily life
echo

echo "## $TOPIC in mathematics"
$Q in mathematics
echo
$C in mathematics
echo
$C in mathematics
echo

echo "## $TOPIC in engeneering"
$Q in engeneering
echo
$C in engeneering
echo
$C in engeneering
echo

echo "## $TOPIC in modern art"
$Q in modern art
echo
$C in modern art
echo
$C in modern art
echo
```

## File relations.sh

```
Code
TOPIC="Relations"

. qdefault.sh

echo "# $TOPIC"
$Q between the terms $TECHNOLOGY in general
echo

echo "## $TOPIC between $TECHNOLOGY"
$Q between $TECHNOLOGY
echo
$C between $TECHNOLOGY
echo
$C between $TECHNOLOGY
echo
```

## File synergies.sh

```
Code
TOPIC="Synergies"

. qdefault.sh

echo "# $TOPIC"
$Q between $TECHNOLOGY in general
echo

echo "## $TOPIC between $TECHNOLOGY"
$Q between $TECHNOLOGY
echo
$C between $TECHNOLOGY
echo
$C between $TECHNOLOGY
echo
```

## File importance.sh

```
Code
Q="./q.sh"
C="./c.sh"

echo "# Importance for a safe and sustainable Future"
$Q "line out the problem of carbon energies the danger of nuclear power plants and the importance of a great
↪ switch to sustainable energies"
echo
$Q "line out the importance of $TECHNOLOGY for the future of enabling sustainable energy"
echo
$Q "explain how $TECHNOLOGY can improve the efficiency of power distribution network"
echo
$Q "explain how $TECHNOLOGY can improve demand side management"
echo
$Q "explain how $TECHNOLOGY can help to avoid peaks in power demand"
echo
$C "line out what research, like which is done at the RWTH Institute for Automation of Complex Powersystems
↪ (ACS) can do for a better exploitation of the before mentioned $TECHNOLOGY based technologies in the field
↪ of sustainable energy"
echo
```

## File conclusions.sh

```
Code
Q="./q.sh write final conclusions"

echo "# Conclusions"
$Q about relations and synergies between $TECHNOLOGY
echo
$Q about how $TECHNOLOGY can enable sustainable energies like shown at RWTH Institute for Automation of
  ↳ Complex Power Systems research
echo
$Q for the book $TITLE
echo
```

## File acknowledgements.sh

```
Code
Q="./q.sh write acknowledgements for the book $TITLE"

echo "# Acknowledgements"
$Q
echo
```