

About Interdisciplinary Research and Intercultural Cooperation

(Original Queries without Processing)

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Foreword

write a foreword for the book About Interdisciplinary Research and Intercultural Cooperation

About the Author

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

About Interdisciplinary Research

write something about Interdisciplinary Research in general

Interdisciplinary Research in our daily life

write something about Interdisciplinary Research in our daily life

in context: continue with additional aspects about Interdisciplinary Research in our daily life

in context: continue with additional aspects about Interdisciplinary Research in our daily life

Interdisciplinary Research in mathematics

write something about Interdisciplinary Research in mathematics

in context: continue with additional aspects about Interdisciplinary Research in mathematics

in context: continue with additional aspects about Interdisciplinary Research in mathematics

Interdisciplinary Research in engineering

write something about Interdisciplinary Research in engineering

in context: continue with additional aspects about Interdisciplinary Research in engineering

in context: continue with additional aspects about Interdisciplinary Research in engineering

Interdisciplinary Research in modern art

write something about Interdisciplinary Research in modern art

in context: continue with additional aspects about Interdisciplinary Research in modern art

in context: continue with additional aspects about Interdisciplinary Research in modern art

About Intercultural Cooperation

write something about Intercultural Cooperation in general

Intercultural Cooperation in our daily life

write something about Intercultural Cooperation in our daily life

in context: continue with additional aspects about Intercultural Cooperation in our daily life

in context: continue with additional aspects about Intercultural Cooperation in our daily life

Intercultural Cooperation in mathematics

write something about Intercultural Cooperation in mathematics

in context: continue with additional aspects about Intercultural Cooperation in mathematics

in context: continue with additional aspects about Intercultural Cooperation in mathematics

Intercultural Cooperation in engineering

write something about Intercultural Cooperation in engineering

in context: continue with additional aspects about Intercultural Cooperation in engineering

in context: continue with additional aspects about Intercultural Cooperation in engineering

Intercultural Cooperation in modern art

write something about Intercultural Cooperation in modern art

in context: continue with additional aspects about Intercultural Cooperation in modern art

in context: continue with additional aspects about Intercultural Cooperation in modern art

Relations

write something about Relations between the terms Interdisciplinary Research and Intercultural Cooperation in general

Relations between Interdisciplinary Research and Intercultural Cooperation

write something about Relations between Interdisciplinary Research and Intercultural Cooperation

in context: continue with additional aspects about Relations between Interdisciplinary Research and Intercultural Cooperation

in context: continue with additional aspects about Relations between Interdisciplinary Research and Intercultural Cooperation

Synergies

write something about Synergies between Interdisciplinary Research and Intercultural Cooperation in general

Synergies between Interdisciplinary Research and Intercultural Cooperation

write something about Synergies between Interdisciplinary Research and Intercultural Cooperation

in context: continue with additional aspects about Synergies between Interdisciplinary Research and Intercultural Cooperation

in context: continue with additional aspects about Synergies between Interdisciplinary Research and Intercultural Cooperation

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 Interdisciplinary Research and Intercultural Cooperation for the future of enabling sustainable energy

explain how Interdisciplinary Research and Intercultural Cooperation can improve the efficiency of power distribution network

explain how Interdisciplinary Research and Intercultural Cooperation can improve demand side management

explain how Interdisciplinary Research and Intercultural Cooperation can help to avoid peaks in power demand

in context: line out how Interdisciplinary Research and Intercultural Cooperation, like which is done at the RWTH Institute for Automation of Complex Powersystems (ACS) can lead to a noticeable better result in the field of sustainable energy

Conclusions

write final conclusions about relations and synergies between Interdisciplinary Research and Intercultural Cooperation

write final conclusions about how Interdisciplinary Research and Intercultural Cooperation can enable sustainable energies like shown at RWTH Institute for Automation of Complex Power Systems research

write final conclusions for the book About Interdisciplinary Research and Intercultural Cooperation

Acknowledgements

write acknowledgements for the book About Interdisciplinary Research and Intercultural Cooperation

Appendix A: Structure Code Used for Generation of Queries

File `mk_document.sh`

```
Code
. config.sh

. foreword.sh >foreword.md

TOPIC="Interdisciplinary Research"
. about.sh >about_interdisciplinary.md

TOPIC="Intercultural Cooperation"
. about.sh >about_intercultural.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="Interdisciplinary Research and Intercultural Cooperation"
TITLE="About $TECHNOLOGY"
AUTHOR="(Original Queries without Processing)"

# CHAPTER OPTIONS
CHAPTERS="foreword.md about_interdisciplinary.md about_intercultural.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="AboutInterdisciplinaryDebug.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 how $TECHNOLOGY, like which is done at the RWTH Institute for Automation of Complex Powersystems
↪ (ACS) can lead to a noticable better result 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
```