

Open Source Software Disclosure

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Conversation API

Core & Channel Adapters

Open-source software:

1. Com.sun.activation:Jakarta.activation:2.0.0: <https://www.eclipse.org>
License: GNU GPL v2 – w/CPE
2. Jakarta.activation:Jakarta.activation-api:2.0.2: <https://www.eclipse.org>
License: GNU GPL v2 – w/CPE
3. Jakarta.xml.bind:jakarta.xml.bind-api:3.0.0: <https://www.eclipse.org>
License: GNU GPL v2 – w/CPE
4. Com.google.code.findbugs:annotations:3.0.1:
<https://findbugs.sourceforge.net>
License: GNU Lesser Public License
5. Jakarta.annotation:Jakarta.annotation-api:1.3.5: <https://www.eclipse.org>
License: GNU GPL v2 – w/CPE
6. Javax.xml.bind:jaxb-api:2.3.1: <https://www.oracle.com>
License: GNU GPL v2 – w/CPE
7. Com.github.java-json-tools:btj:1.3: <https://github.com/java-json-tools/btf>

License: LGPL – version 3 or greater

8. Com.github.java-json-tools:Jackson-coreutils:2.0 <https://github.com/java-json-tools/jackson-coreutils>

License: LGPL – version 3 or greater

9. Com.github.java-json-tools:json-patch:1.13 : <https://github.com/java-json-tools/json-patch>

License: LGPL – version 3 or greater

10. Com.github.java-json-tools:msg-simple:1.2 : <https://github.com/java-json-tools/msg-simple>

License: LGPL – version 3 or greater

11. Org.mariadb.jdbc:mariadb-java-client:2.7.4 : <https://mariadb.com/kb/en/mariadb/about-mariadb-connector-j>

License: LGPL – 2.1

Conversation API – Smart Conversations

AskFrank (a.k.a. Frank)

FAQ search

Open-source software:

1. pvl/labse_bert: https://huggingface.co/pvl/labse_bert/tree/main

License: apache-2.0

Knowledge Search

Open-source software:

1. sentence-transformers/multi-qa-mpnet-base-dot-v1:

<https://huggingface.co/sentence-transformers/multi-qa-mpnet-base-dot-v1>

License: apache-2.0

2. xlm-roberta-large-squad2-germanquad-german-full

Own finetuned xlm-roberta-large-squad2 model deepset/xlm-roberta-large-squad2

<https://huggingface.co/deepset/xlm-roberta-large-squad2>

License: cc-by-4.0

Generative Search

Open-source software:

1. google/flan-t5-xl <https://huggingface.co/google/flan-t5-xl>

License: apache-2.0

2. sentence-transformers/multi-qa-mpnet-base-dot-v1:
<https://huggingface.co/sentence-transformers/multi-qa-mpnet-base-dot-v1>
License: apache-2.0
3. cross-encoder/ms-marco-MiniLM-L-12-v2 <https://huggingface.co/cross-encoder/ms-marco-MiniLM-L-12-v2>
License: apache-2.0

IRIS

Document Image Classification (DIC)

Open-source software:

1. ResNet50:
https://www.tensorflow.org/api_docs/python/tf/keras/applications/resnet50/ResNet50
License: apache-2.0

Optical Character Recognition (OCR)

Open-source software: -

Named Entity Recognition (NER)

Open-source software:

1. SpaCy:
 - a. en_core_web: <https://spacy.io/models/en>
License: MIT
 - b. pt_core_news: <https://spacy.io/models/pt>
License: Creative Commons Attribution-ShareAlike 4.0 International (CC BY-SA 4.0)

Natural Language Understanding (NLU)

Intent Recognition (IR)

Open-source software:

1. LaBSE: <https://huggingface.co/sentence-transformers/LaBSE>
License: apache-2.0

Sentiment Analysis

Open-source software:

1. XLM-RoBERTa: <https://huggingface.co/xlm-roberta-large>
License: MIT

Transcription

Speech-To-Text (STT)

Open-source software:

1. OpenAI Whisper: <https://openai.com/research/whisper>
License: MIT

Text-To-Speech (TTS)

Open-source software:

1. Coqui TTS: <https://github.com/coqui-ai/TTS>
License: Mozilla Public License 2.0