

Detected distributions: autogen
Total public modules: 31



Distribution: autogen

Total public modules: 31

- autogen.agentchat
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- autogen.cache
- autogen.code_utils
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- autogen.oai
- autogen.retrieve_utils
- autogen.runtime_logging
- autogen.token_count_utils
- autogen.tools
- autogen.types
- autogen.version

autogen.agentchat

Classes

```
[
    Agent,
    AssistantAgent,
    ChatResult,
    ConversableAgent,
    GroupChat,
    GroupChatManager,
    LLMAgent,
    UpdateSystemMessage,
    UserProxyAgent
]
```

Functions

```
[
    a_initiate_chats,
    a_initiate_group_chat,
    a_initiate_swarm_chat,
    a_run_group_chat,
    a_run_swarm,
    gather_usage_summary,
    initiate_chats,
    initiate_group_chat,
    register_function,
    run_group_chat,
    run_swarm
]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.agentchat import Agent
from autogen.agentchat import AssistantAgent
from autogen.agentchat import ChatResult
from autogen.agentchat import ConversableAgent
from autogen.agentchat import GroupChat
from autogen.agentchat import GroupChatManager
from autogen.agentchat import LLMAgent
from autogen.agentchat import UpdateSystemMessage
from autogen.agentchat import UserProxyAgent
```

Functions

```
from autogen.agentchat import a_initiate_chats
from autogen.agentchat import a_initiate_group_chat
from autogen.agentchat import a_initiate_swarm_chat
from autogen.agentchat import a_run_group_chat
from autogen.agentchat import a_run_swarm
from autogen.agentchat import gather_usage_summary
from autogen.agentchat import initiate_chats
from autogen.agentchat import initiate_group_chat
from autogen.agentchat import register_function
from autogen.agentchat import run_group_chat
from autogen.agentchat import run_swarm
```

Sentinels / Constants / Objects

```
(none)
```

autogen.agents

Classes

[]

Functions

[]

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

(none)

Sentinels / Constants / Objects

(none)

autogen.browser_utils

Classes

```
[
    Any,
    SimpleTextBrowser,
    suppress
]
```

Functions

```
[
    optional_import_block,
    require_optional_import,
    urljoin,
    urlparse
]
```

Sentinels / Constants / Objects

```
[
    IS_PDF_CAPABLE,
    result
]
```

Import statements

Classes

```
from autogen.browser_utils import Any
from autogen.browser_utils import SimpleTextBrowser
from autogen.browser_utils import suppress
```

Functions

```
from autogen.browser_utils import optional_import_block
from autogen.browser_utils import require_optional_import
from autogen.browser_utils import urljoin
from autogen.browser_utils import urlparse
```

Sentinels / Constants / Objects

```
from autogen.browser_utils import IS_PDF_CAPABLE
from autogen.browser_utils import result
```

autogen.cache

Classes

```
[
    AbstractCache,
    Cache
]
```

Functions

```
[ ]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.cache import AbstractCache
from autogen.cache import Cache
```

Functions

```
(none)
```

Sentinels / Constants / Objects

```
(none)
```

autogen.code_utils

Classes

```
[
    Callable,
    SimpleNamespace,
    ThreadPoolExecutor,
    TimeoutError,
    UserMessageImageContentPart,
    UserMessageTextContentPart
]
```

Functions

```
[
    check_can_use_docker_or_throw,
    content_str,
    create_virtual_env,
    decide_use_docker,
    eval_function_completions,
    execute_code,
    extract_code,
    get_powershell_command,
    in_docker_container,
    infer_lang,
    is_docker_running,
    md5,
    timeout_handler
]
```

Sentinels / Constants / Objects

```
[
    CODE_BLOCK_PATTERN,
    DEFAULT_MODEL,
    DEFAULT_TIMEOUT,
    FAST_MODEL,
    logger,
    PATH_SEPARATOR,
    PYTHON_VARIANTS,
    SENTINEL,
    TIMEOUT_MSG,
    UNKNOWN,
    WIN32,
    WORKING_DIR
]
```

Import statements

Classes

```
from autogen.code_utils import Callable
from autogen.code_utils import SimpleNamespace
from autogen.code_utils import ThreadPoolExecutor
from autogen.code_utils import TimeoutError
from autogen.code_utils import UserMessageImageContentPart
from autogen.code_utils import UserMessageTextContentPart
```

Functions

```
from autogen.code_utils import check_can_use_docker_or_throw
from autogen.code_utils import content_str
from autogen.code_utils import create_virtual_env
from autogen.code_utils import decide_use_docker
from autogen.code_utils import eval_function_completions
from autogen.code_utils import execute_code
```

```
from autogen.code_utils import extract_code
from autogen.code_utils import get_powershell_command
from autogen.code_utils import in_docker_container
from autogen.code_utils import infer_lang
from autogen.code_utils import is_docker_running
from autogen.code_utils import md5
from autogen.code_utils import timeout_handler
```

Sentinels / Constants / Objects

```
from autogen.code_utils import CODE_BLOCK_PATTERN
from autogen.code_utils import DEFAULT_MODEL
from autogen.code_utils import DEFAULT_TIMEOUT
from autogen.code_utils import FAST_MODEL
from autogen.code_utils import logger
from autogen.code_utils import PATH_SEPARATOR
from autogen.code_utils import PYTHON_VARIANTS
from autogen.code_utils import SENTINEL
from autogen.code_utils import TIMEOUT_MSG
from autogen.code_utils import UNKNOWN
from autogen.code_utils import WIN32
from autogen.code_utils import WORKING_DIR
```


autogen.coding

Classes

```
[
    CodeBlock,
    CodeExecutor,
    CodeExecutorFactory,
    CodeExtractor,
    CodeResult,
    DockerCommandLineCodeExecutor,
    LocalCommandLineCodeExecutor,
    MarkdownCodeExtractor
]
```

Functions

```
[ ]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.coding import CodeBlock
from autogen.coding import CodeExecutor
from autogen.coding import CodeExecutorFactory
from autogen.coding import CodeExtractor
from autogen.coding import CodeResult
from autogen.coding import DockerCommandLineCodeExecutor
from autogen.coding import LocalCommandLineCodeExecutor
from autogen.coding import MarkdownCodeExtractor
```

Functions

```
(none)
```

Sentinels / Constants / Objects

```
(none)
```

autogen.doc_utils

Classes

[]

Functions

```
[  
    export_module  
]
```

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

```
from autogen.doc_utils import export_module
```

Sentinels / Constants / Objects

(none)

autogen.environments

Classes

```
[
    DockerPythonEnvironment,
    SystemPythonEnvironment,
    VenvPythonEnvironment,
    WorkingDirectory
]
```

Functions

```
[ ]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.environments import DockerPythonEnvironment
from autogen.environments import SystemPythonEnvironment
from autogen.environments import VenvPythonEnvironment
from autogen.environments import WorkingDirectory
```

Functions

```
(none)
```

Sentinels / Constants / Objects

```
(none)
```

autogen.events

Classes

```
[
    BaseEvent
]
```

Functions

```
[
    deprecated_by,
    get_annotated_type_for_event_classes,
    wrap_event
]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.events import BaseEvent
```

Functions

```
from autogen.events import deprecated_by
```

```
from autogen.events import get_annotated_type_for_event_classes
```

```
from autogen.events import wrap_event
```

Sentinels / Constants / Objects

```
(none)
```

autogen.exception_utils

Classes

```
[
    AgentNameConflictError,
    InvalidCarryOverTypeError,
    ModelToolNotSupportedError,
    NoEligibleSpeakerError,
    SenderRequiredError,
    UndefinedNextAgentError
]
```

Functions

```
[ ]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.exception_utils import AgentNameConflictError
from autogen.exception_utils import InvalidCarryOverTypeError
from autogen.exception_utils import ModelToolNotSupportedError
from autogen.exception_utils import NoEligibleSpeakerError
from autogen.exception_utils import SenderRequiredError
from autogen.exception_utils import UndefinedNextAgentError
```

Functions

```
(none)
```

Sentinels / Constants / Objects

```
(none)
```

autogen.extensions

Classes

[]

Functions

[]

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

(none)

Sentinels / Constants / Objects

(none)

autogen.fast_depends

Classes

```
[
    Provider
]
```

Functions

```
[
    Depends,
    inject
]
```

Sentinels / Constants / Objects

```
[
    dependency_provider
]
```

Import statements

Classes

```
from autogen.fast_depends import Provider
```

Functions

```
from autogen.fast_depends import Depends
```

```
from autogen.fast_depends import inject
```

Sentinels / Constants / Objects

```
from autogen.fast_depends import dependency_provider
```

autogen.formatting_utils

Classes

[]

Functions

```
[
    colored
]
```

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

```
from autogen.formatting_utils import colored
```

Sentinels / Constants / Objects

(none)

autogen.function_utils

Classes

[]

Functions

```
[
    get_function_schema,
    load_basemodels_if_needed,
    serialize_to_str
]
```

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

```
from autogen.function_utils import get_function_schema
from autogen.function_utils import load_basemodels_if_needed
from autogen.function_utils import serialize_to_str
```

Sentinels / Constants / Objects

(none)

autogen.graph_utils

Classes

```
[
    Agent
]
```

Functions

```
[
    check_graph_validity,
    has_self_loops,
    invert_disallowed_to_allowed,
    optional_import_block,
    require_optional_import,
    visualize_speaker_transitions_dict
]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.graph_utils import Agent
```

Functions

```
from autogen.graph_utils import check_graph_validity
from autogen.graph_utils import has_self_loops
from autogen.graph_utils import invert_disallowed_to_allowed
from autogen.graph_utils import optional_import_block
from autogen.graph_utils import require_optional_import
from autogen.graph_utils import visualize_speaker_transitions_dict
```

Sentinels / Constants / Objects

```
(none)
```

autogen.import_utils

Classes

[]

Functions

```
[
    optional_import_block,
    patch_object,
    require_optional_import,
    run_for_optional_imports,
    skip_on_missing_imports
]
```

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

```
from autogen.import_utils import optional_import_block
from autogen.import_utils import patch_object
from autogen.import_utils import require_optional_import
from autogen.import_utils import run_for_optional_imports
from autogen.import_utils import skip_on_missing_imports
```

Sentinels / Constants / Objects

(none)

autogen.interop

Classes

```
[
    CrewAIInteroperability,
    Interoperability,
    Interoperable,
    LangChainChatModelFactory,
    LangChainInteroperability,
    LiteLLmConfigFactory,
    PydanticAIInteroperability
]
```

Functions

```
[
    register_interoperable_class
]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.interop import CrewAIInteroperability
from autogen.interop import Interoperability
from autogen.interop import Interoperable
from autogen.interop import LangChainChatModelFactory
from autogen.interop import LangChainInteroperability
from autogen.interop import LiteLLmConfigFactory
from autogen.interop import PydanticAIInteroperability
```

Functions

```
from autogen.interop import register_interoperable_class
```

Sentinels / Constants / Objects

```
(none)
```

autogen.io

Classes

```
[
    InputStream,
    IOConsole,
    IOStream,
    IOWebsockets,
    OutputStream
]
```

Functions

```
[ ]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.io import InputStream
from autogen.io import IOConsole
from autogen.io import IOStream
from autogen.io import IOWebsockets
from autogen.io import OutputStream
```

Functions

```
(none)
```

Sentinels / Constants / Objects

```
(none)
```

autogen.json_utils

Classes

[]

Functions

```
[
    resolve_json_references
]
```

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

```
from autogen.json_utils import resolve_json_references
```

Sentinels / Constants / Objects

(none)

autogen.llm_config

Classes

```
[
    LLMConfig,
    ModelClient
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[]
```

Import statements

Classes

```
from autogen.llm_config import LLMConfig
from autogen.llm_config import ModelClient
```

Functions

```
(none)
```

Sentinels / Constants / Objects

```
(none)
```

autogen.logger

Classes

```
[
    FileLogger,
    LoggerFactory,
    SqliteLogger
]
```

Functions

```
[ ]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.logger import FileLogger
from autogen.logger import LoggerFactory
from autogen.logger import SqliteLogger
```

Functions

```
(none)
```

Sentinels / Constants / Objects

```
(none)
```


autogen.math_utils

Classes

[]

Functions

```
[
    eval_math_responses,
    get_answer,
    is_equiv,
    is_equiv_chain_of_thought,
    last_boxed_only_string,
    remove_boxed,
    voting_counts
]
```

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

```
from autogen.math_utils import eval_math_responses
from autogen.math_utils import get_answer
from autogen.math_utils import is_equiv
from autogen.math_utils import is_equiv_chain_of_thought
from autogen.math_utils import last_boxed_only_string
from autogen.math_utils import remove_boxed
from autogen.math_utils import voting_counts
```

Sentinels / Constants / Objects

(none)

autogen.mcp

Classes

[]

Functions

```
[
    create_toolkit
]
```

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

```
from autogen.mcp import create_toolkit
```

Sentinels / Constants / Objects

(none)

autogen.messages

Classes

```
[  
    BaseMessage  
]
```

Functions

```
[  
    get_annotated_type_for_message_classes,  
    wrap_message  
]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.messages import BaseMessage
```

Functions

```
from autogen.messages import get_annotated_type_for_message_classes
```

```
from autogen.messages import wrap_message
```

Sentinels / Constants / Objects

```
(none)
```

autogen.oai

Classes

```
[
    AnthropicLLMConfigEntry,
    AzureOpenAILLMConfigEntry,
    BedrockLLMConfigEntry,
    Cache,
    CerebrasLLMConfigEntry,
    CohereLLMConfigEntry,
    DeepSeekLLMConfigEntry,
    GeminiLLMConfigEntry,
    GroqLLMConfigEntry,
    MistralLLMConfigEntry,
    OllamaLLMConfigEntry,
    OpenAILLMConfigEntry,
    OpenAIWrapper,
    TogetherLLMConfigEntry
]
```

Functions

```
[
    config_list_from_dotenv,
    config_list_from_json,
    config_list_from_models,
    config_list_gpt4_gpt35,
    config_list_openai_aoai,
    filter_config,
    get_config_list,
    get_first_llm_config
]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.oai import AnthropicLLMConfigEntry
from autogen.oai import AzureOpenAILLMConfigEntry
from autogen.oai import BedrockLLMConfigEntry
from autogen.oai import Cache
from autogen.oai import CerebrasLLMConfigEntry
from autogen.oai import CohereLLMConfigEntry
from autogen.oai import DeepSeekLLMConfigEntry
from autogen.oai import GeminiLLMConfigEntry
from autogen.oai import GroqLLMConfigEntry
from autogen.oai import MistralLLMConfigEntry
from autogen.oai import OllamaLLMConfigEntry
from autogen.oai import OpenAILLMConfigEntry
from autogen.oai import OpenAIWrapper
from autogen.oai import TogetherLLMConfigEntry
```

Functions

```
from autogen.oai import config_list_from_dotenv
from autogen.oai import config_list_from_json
from autogen.oai import config_list_from_models
from autogen.oai import config_list_gpt4_gpt35
from autogen.oai import config_list_openai_aoai
from autogen.oai import filter_config
from autogen.oai import get_config_list
from autogen.oai import get_first_llm_config
```

Sentinels / Constants / Objects

(none)

autogen.retrieve_utils

Classes

```
[
    Any,
    Callable
]
```

Functions

```
[
    count_token,
    create_vector_db_from_dir,
    extract_text_from_pdf,
    get_file_from_url,
    get_files_from_dir,
    is_url,
    optional_import_block,
    parse_html_to_markdown,
    query_vector_db,
    require_optional_import,
    split_files_to_chunks,
    split_text_to_chunks,
    urlparse
]
```

Sentinels / Constants / Objects

```
[
    HAS_UNSTRUCTURED,
    logger,
    RAG_MINIMUM_MESSAGE_LENGTH,
    result,
    TEXT_FORMATS,
    UNSTRUCTURED_FORMATS,
    VALID_CHUNK_MODES
]
```

Import statements

Classes

```
from autogen.retrieve_utils import Any
from autogen.retrieve_utils import Callable
```

Functions

```
from autogen.retrieve_utils import count_token
from autogen.retrieve_utils import create_vector_db_from_dir
from autogen.retrieve_utils import extract_text_from_pdf
from autogen.retrieve_utils import get_file_from_url
from autogen.retrieve_utils import get_files_from_dir
from autogen.retrieve_utils import is_url
from autogen.retrieve_utils import optional_import_block
from autogen.retrieve_utils import parse_html_to_markdown
from autogen.retrieve_utils import query_vector_db
from autogen.retrieve_utils import require_optional_import
from autogen.retrieve_utils import split_files_to_chunks
from autogen.retrieve_utils import split_text_to_chunks
from autogen.retrieve_utils import urlparse
```

Sentinels / Constants / Objects

```
from autogen.retrieve_utils import HAS_UNSTRUCTURED
from autogen.retrieve_utils import logger
from autogen.retrieve_utils import RAG_MINIMUM_MESSAGE_LENGTH
from autogen.retrieve_utils import result
from autogen.retrieve_utils import TEXT_FORMATS
```

```
from autogen.retrieve_utils import UNSTRUCTURED_FORMATS
from autogen.retrieve_utils import VALID_CHUNK_MODES
```

autogen.runtime_logging

Classes

```
[
    Any,
    BaseLogger,
    Callable,
    LoggerFactory,
    TypeVar
]
```

Functions

```
[
    get_connection,
    log_chat_completion,
    log_event,
    log_function_use,
    log_new_agent,
    log_new_client,
    log_new_wrapper,
    logging_enabled,
    start,
    stop
]
```

Sentinels / Constants / Objects

```
[
    annotations,
    autogen_logger,
    F,
    is_logging,
    Literal,
    LLMConfig,
    logger,
    TYPE_CHECKING
]
```

Import statements

Classes

```
from autogen.runtime_logging import Any
from autogen.runtime_logging import BaseLogger
from autogen.runtime_logging import Callable
from autogen.runtime_logging import LoggerFactory
from autogen.runtime_logging import TypeVar
```

Functions

```
from autogen.runtime_logging import get_connection
from autogen.runtime_logging import log_chat_completion
from autogen.runtime_logging import log_event
from autogen.runtime_logging import log_function_use
from autogen.runtime_logging import log_new_agent
from autogen.runtime_logging import log_new_client
from autogen.runtime_logging import log_new_wrapper
from autogen.runtime_logging import logging_enabled
from autogen.runtime_logging import start
from autogen.runtime_logging import stop
```

Sentinels / Constants / Objects

```
from autogen.runtime_logging import annotations
from autogen.runtime_logging import autogen_logger
from autogen.runtime_logging import F
from autogen.runtime_logging import is_logging
```



```
from autogen.runtime_logging import Literal
from autogen.runtime_logging import LLMConfig
from autogen.runtime_logging import logger
from autogen.runtime_logging import TYPE_CHECKING
```

autogen.token_count_utils

Classes

```
[
    Any
]
```

Functions

```
[
    count_token,
    get_max_token_limit,
    num_tokens_from_functions,
    num_tokens_from_gpt_image,
    optional_import_block,
    percentile_used,
    token_left
]
```

Sentinels / Constants / Objects

```
[
    logger,
    pil_imported,
    result
]
```

Import statements

Classes

```
from autogen.token_count_utils import Any
```

Functions

```
from autogen.token_count_utils import count_token
from autogen.token_count_utils import get_max_token_limit
from autogen.token_count_utils import num_tokens_from_functions
from autogen.token_count_utils import num_tokens_from_gpt_image
from autogen.token_count_utils import optional_import_block
from autogen.token_count_utils import percentile_used
from autogen.token_count_utils import token_left
```

Sentinels / Constants / Objects

```
from autogen.token_count_utils import logger
from autogen.token_count_utils import pil_imported
from autogen.token_count_utils import result
```

autogen.tools

Classes

```
[
    BaseContext,
    ChatContext,
    Tool,
    Toolkit
]
```

Functions

```
[
    Depends,
    get_function_schema,
    load_basemodels_if_needed,
    serialize_to_str,
    tool
]
```

Sentinels / Constants / Objects

```
[ ]
```

Import statements

Classes

```
from autogen.tools import BaseContext
from autogen.tools import ChatContext
from autogen.tools import Tool
from autogen.tools import Toolkit
```

Functions

```
from autogen.tools import Depends
from autogen.tools import get_function_schema
from autogen.tools import load_basemodels_if_needed
from autogen.tools import serialize_to_str
from autogen.tools import tool
```

Sentinels / Constants / Objects

```
(none)
```

autogen.types

Classes

```
[
    Any,
    UserMessageImageContentPart,
    UserMessageTextContentPart
]
```

Functions

```
[
    TypedDict
]
```

Sentinels / Constants / Objects

```
[
    Literal,
    MessageContentType
]
```

Import statements

Classes

```
from autogen.types import Any
from autogen.types import UserMessageImageContentPart
from autogen.types import UserMessageTextContentPart
```

Functions

```
from autogen.types import TypedDict
```

Sentinels / Constants / Objects

```
from autogen.types import Literal
from autogen.types import MessageContentType
```

autogen.version

Classes

[]

Functions

[]

Sentinels / Constants / Objects

[]

Import statements

Classes

(none)

Functions

(none)

Sentinels / Constants / Objects

(none)