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agentchat.assistant_agent

AssistantAgent Objects

```
class AssistantAgent(ConversableAgent)
```

(In preview) Assistant agent, designed to solve a task with LLM.

AssistantAgent is a subclass of ConversableAgent configured with a default system message. The default system message is designed to solve a task with LLM, including suggesting python code blocks and debugging. `human_input_mode` is default to "NEVER" and `code_execution_config` is default to False. This agent doesn't execute code by default, and expects the user to execute the code.

`__init__`

```
def __init__(name: str,
             system_message: Optional[str] = DEFAULT_SYSTEM_MESSAGE,
             llm_config: Optional[Union[Dict, Literal[False]]] = None,
             is_termination_msg: Optional[Callable[[Dict], bool]] = None,
             max_consecutive_auto_reply: Optional[int] = None,
             human_input_mode: Optional[str] = "NEVER",
             code_execution_config: Optional[Union[Dict,
                                                  Literal[False]]] = False,
             description: Optional[str] = None,
             **kwargs)
```

Arguments:

- `name str` - agent name.
- `system_message str` - system message for the ChatCompletion inference. Please override this attribute if you want to reprogram the agent.
- `llm_config dict` - llm inference configuration. Please refer to [OpenAIWrapper.create](#) for available options.
- `is_termination_msg function` - a function that takes a message in the form of a dictionary and returns a boolean value indicating if this received message is a termination message. The dict can contain the following keys: "content", "role", "name", "function_call".
- `max_consecutive_auto_reply int` - the maximum number of consecutive auto replies. default to None (no limit provided, class attribute MAX_CONSECUTIVE_AUTO_REPLY will be used as the limit in this case). The limit only plays a role when `human_input_mode` is not "ALWAYS".
- `**kwargs dict` - Please refer to other kwargs in [ConversableAgent](#).

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