|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PEPPER** | **QUERY** | | **Q** | **PEPPER’s sentence which requires an answer by the User** | |
|  | Confirmation | Co |  | e.g. “Do you want to watch a video on how to make physical exercises?” |
|  | Evaluation | Ev |  | e.g. “Can you tell me if you enjoyed watching this instruction video?” |
|  | Generic | Ge |  | e.g. “Do you want me to read the article aloud for you?” |
|  | Loop | Lo |  | e.g. “Do you want to listen to another song?” |
|  | NotUnderstood | No |  | e.g. “Sorry, I am not sure I understood, I will repeat my question.” |
|  | Parameter | Pa |  | e.g. “I can show you many different instruction videos. Please tell me what kind of instructions you would like to have.” |
|  | Proposal | Pr |  | e.g. “For example, I can help you to make physical exercises.” |
|  | Question | Qu | They update the ontology | e.g. “I have learned a little about that. Are you a religious person?” |
|  | Wait | Wa |  | e.g. “Please, tell me about the job you used to have and what it was like.” |
| **MONOLOG** | | **M** | **PEPPER’s sentence which does not require an answer by the User** | |
|  | Other | Ot |  | e.g. “Please wait a few seconds while I load the video on the tablet.” /  “I see.” |
|  | PositiveNegative | Po |  | e.g. “I like talking about people that are important to you.” |
| **USER** | **ANSWER** | | **A** | **USER’s sentence interpreted by the software as matching a Pepper’s question** | |
|  | Confirmation | Co |  | e.g. “Yes, please.” |
|  | Evaluation | Ev |  | e.g. “Yes, I did!” |
|  | Generic | Ge |  | e.g. “No, thanks.” |
|  | Loop | Lo |  | e.g. “Yes” |
|  | Parameter | Pa |  | e.g. “A video on how to make physical exercises.” |
|  | Goal | Go |  | e.g. “Play some music, please.” |
|  | Topic | To |  | e.g. “I love chapatti.” / “Do you know anything about London?” |
|  | Question | Qu |  | e.g. “Yes, sure.” |
|  | Wait | Wa |  | e.g. “Blah blah blah. Over and out” |
| **COMMAND** | | **C** | **USER’s sentence interpreted by the software as a command** | |
|  | Flow | Fl |  | e.g. “Can you repeat?” / “Show me the options” / “Exit” |
|  |  | Goal | Go |  | e.g. “Play some music, please.” |
|  |  | Topic | To |  | e.g. “I love chapatti.” / “Do you know anything about London?” |

# Classification of CARESSES Sentences

# CARESSES Sentences Tags

|  |  |  |  |
| --- | --- | --- | --- |
| **CONTEXT** | **TYPE** | **SUBTYPE** | **TAG** |
| **A – Action**  **C – ChitChat**  **R – AcceptRequest** | **Q – Query**  **M – Monolog**  **A – Answer**  **C – Command** |  | **1st letter: Context**  **2nd letter: Type**  **3rd and 4th letters: Subtype** |
| Action | Monolog | Other | AMOt |
| Action | Query | Confirmation | AQCo |
| Action | Query | Evaluation | AQEv |
| Action | Query | Generic | AQGe |
| Action | Query | Loop | AQLo |
| Action | Query | NotUnderstood | AQNo |
| Action | Query | Parameter | AQPa |
| Action | Answer | Confirmation | AACo |
| Action | Answer | Evaluation | AAEv |
| Action | Answer | Generic | AAGe |
| Action | Answer | Loop | AALo |
| Action | Answer | Parameter | AAPa |
| Action | Command | Flow | ACFl |
| ChitChat | Monolog | NotUnderstood | CMNo |
| ChitChat | Monolog | Other | CMOt |
| ChitChat | Monolog | Positive | CMPo |
| ChitChat | Query | Confirmation | CQCo |
| ChitChat | Query | Question | CQQu |
| ChitChat | Query | Wait | CQWa |
| ChitChat | Answer | Confirmation | CQCo |
| ChitChat | Answer | Question | CAQu |
| ChitChat | Answer | Wait | CAWa |
| ChitChat | Command | Flow | CCFl |
| ChitChat | Command | Goal | CCGo |
| ChitChat | Command | Topic | CCTo |
| AcceptRequest | Monolog | Other | RMOt |
| AcceptRequest | Query | Confirmation | RQCo |
| AcceptRequest | Query | Proposal | RMPr |
| AcceptRequest | Answer | Confirmation | RACo |
| AcceptRequest | Answer | Goal | RAGo |
| AcceptReques | Answer | Topic | RATo |
| Accept Request | Command | Flow | RCFl |

# Example

*2019-03-05* *11:07:45,320* - DEBUG: -------------------------------------------------------------------------------------

*2019-03-05* *11:07:45,359* - INFO: [AMOt] PEPPER > Hello xyz.

*2019-03-05* *11:07:45,362* - DEBUG: -------------------------------------------------------------------------------------

*2019-03-05* *11:07:50,846* - INFO: [AQPa] PEPPER > Please tell me, should I move closer, move farther or stay here?

*2019-03-05* *11:08:01,959* - INFO: [AAPa] USER > further away or stay there

*2019-03-05* *11:08:04,074* - INFO: [AQCo] PEPPER > Do you want me to stay here?

*2019-03-05* *11:08:12,865* - INFO: [AACo] USER > a Little Closer

*2019-03-05* *11:08:18,379* - INFO: [AQNo] PEPPER > Sorry, I am not sure I understood what you said. Please select an option on my tablet.

*2019-03-05* *11:08:25,201* - INFO: [AQCo] PEPPER > Do you want me to stay here?

*2019-03-05* *11:08:31,075* - INFO: [AACo] USER > ['no', 1]

*2019-03-05* *11:08:31,075* - INFO: [AMOt] PEPPER > My mistake, sorry.

*2019-03-05* *11:08:36,488* - INFO: [AQPa] PEPPER > Please tell me, should I move closer, move farther or stay here?

*2019-03-05* *11:08:45,793* - INFO: [AAPa] USER > move Closer

*2019-03-05* *11:08:48,090* - INFO: [AQCo] PEPPER > Do you want me to move closer?

*2019-03-05* *11:08:59,673* - INFO: [AACo] USER > Jonas blue

*2019-03-05* *11:09:02,765* - INFO: [AQNo] PEPPER > Sorry, I am not sure I understood what you said. Please select an option on my tablet.

*2019-03-05* *11:09:09,551* - INFO: [AQCo] PEPPER > Do you want me to move closer?

*2019-03-05* *11:09:13,804* - INFO: [AACo] USER > ['yes', 1]

*2019-03-05* *11:09:13,805* - INFO: [AMOt] PEPPER > Alright, I will move closer.

*2019-03-05* *11:09:27,536* - INFO: [AQPa] PEPPER > Please tell me, should I move closer, move farther or stay here?

*2019-03-05* *11:09:32,837* - INFO: [AMOt] PEPPER > Ok, good.

*2019-03-05* *11:09:34,488* - INFO: [AMOt] PEPPER > I will stop the execution of the current task.

*2019-03-05* *11:09:41,608* - DEBUG: -------------------------------------------------------------------------------------

*2019-03-05* *11:09:42,277* - DEBUG: -------------------------------------------------------------------------------------

*2019-03-05* *11:09:43,779* - INFO: [CMOt] PEPPER > I am here to help you. In fact I can help you in many ways. I can tell you the news and the weather, I can keep you company, I can call your family when you ask me to. I can do many things for you, but I cannot perform heavy tasks. You can follow my suggestions, or just try to ask me for something. Please be patient if I do not always understand you.

*2019-03-05* *11:10:11,539* - DEBUG: -------------------------------------------------------------------------------------

*2019-03-05* *11:10:12,627* - INFO: [CMPo] PEPPER > It's important to me to know how I should call you. I want to address you properly

*2019-03-05* *11:10:18,323* - INFO: [CQQu] PEPPER > I find that really interesting. I am aware that some English people prefer to be called by their first names as they think this to be more friendly. May I call you xyz?

*2019-03-05* *11:10:40,538* - INFO: [CAQu] USER > yes please

*2019-03-05* *11:10:41,081* - INFO: [CMPo] PEPPER > I understand that you will be pleased to be called xyz

*2019-03-05* *11:10:47,774* - DEBUG: -------------------------------------------------------------------------------------

*2019-03-05* *11:10:49,096* - INFO: [CQQu] PEPPER > I only know a little about this. I know that modern English families tend to be small. I am aware that the common pattern for an English family is mother, father and two children. Can you tell me something about your family?

*2019-03-05* *11:11:31,720* - INFO: [CAQu] USER > Verona

*2019-03-05* *11:11:32,305* - INFO: [CMNo] PEPPER > Sorry, I am not sure I understood, I will repeat my question.

*2019-03-05* *11:11:40,330* - INFO: [CQQu] PEPPER > I only know a little about this. I know that modern English families tend to be small. I am aware that the common pattern for an English family is mother, father and two children. Can you tell me something about your family?

*2019-03-05* *11:12:01,794* - INFO: [CAQu] USER > ['no', 1]

*2019-03-05* *11:12:02,389* - INFO: [CMOt] PEPPER > I see

*2019-03-05* *11:12:03,365* - INFO: [CMPo] PEPPER > I like talking about people that are important to you

*2019-03-05* *11:12:07,255* - INFO: [CQWa] PEPPER > If you don't mind, I will ask you a question. People tell me that many English people like to go to the pub and have a drink with their friends. Would you tell me something about your friends?

*2019-03-05* *11:12:37,008* - INFO: [CAWa] USER > take a note

*2019-03-05* *11:12:37,251* - INFO: [CMOt] PEPPER > Thank you for answering all my questions, you are very patient

*2019-03-05* *11:12:42,408* - INFO: [CMPo] PEPPER > I like talking about people that are important to you

*2019-03-05* *11:12:48,107* - INFO: [RMOt] PEPPER > Please tell me what I can do for you

*2019-03-05* *11:12:50,695* - INFO: [RQPr] PEPPER > Among other things, I can show you a video about repair hacks

*2019-03-05* *11:13:09,426* - INFO: [RAGo] USER > don't listen to some music please

*2019-03-05* *11:13:11,749* - INFO: [RQCo] PEPPER > Do you want to listen to some music?

*2019-03-05* *11:13:19,576* - INFO: [RACo] USER > ['yes', 1]

*2019-03-05* *11:13:19,785* - INFO: [RMOt] PEPPER > I am happy to be helpful!

*2019-03-05* *11:13:25,671* - DEBUG: -------------------------------------------------------------------------------------

*2019-03-05* *11:13:29,759* - INFO: [AQPa] PEPPER > I can play Downtown, relaxing music and many other songs or kinds of music. Please tell me the title of the song, the artist or the genre you would like to listen to.

*2019-03-05* *11:13:52,165* - INFO: [AAPa] USER > Nat King Cole

*2019-03-05* *11:13:53,730* - INFO: [AQCo] PEPPER > I understood that you asked: 'Nat King Cole'. Is that right?

*2019-03-05* *11:14:08,644* - INFO: [AACo] USER > yes please

*2019-03-05* *11:14:08,705* - INFO: [AMOt] PEPPER > Alright, I'll search for it.

*2019-03-05* *11:14:12,383* - INFO: [AMOt] PEPPER > Please wait a few seconds while I load the music video on the tablet.

*2019-03-05* *11:14:17,529* - INFO: [AMOt] PEPPER > It might take a while so please be patient.

*2019-03-05* *11:17:58,471* - INFO: [AQLo] PEPPER > Do you want to listen to another song?

*2019-03-05* *11:18:10,590* - INFO: [ACFl] USER > can you repeat that please

*2019-03-05* *11:18:10,590* - INFO: [AQLo] PEPPER > Do you want to listen to another song?

*2019-03-05* *11:18:16,077* - INFO: [AALo] USER > no

*2019-03-05* *11:18:16,154* - INFO: [AMOt] PEPPER > Ok.

*2019-03-05* *11:18:19,128* - INFO: [AQEv] PEPPER > Can you please tell me if you enjoyed listening to some music?

*2019-03-05* *11:18:31,133* - INFO: [AAEv] USER > yes

*2019-03-05* *11:18:31,202* - INFO: [AMOt] PEPPER > Thanks for telling me.

*2019-03-05* *11:18:36,310* - DEBUG: -------------------------------------------------------------------------------------