

Help on module recognizer:

#### NAME

recognizer - Understand prepared user input as commands or directives. The "parser."

#### FILE

c:\nickmontfort-curveship-814de6e\recognizer.py

#### FUNCTIONS

agent\_access(agent, concept)

Returns a list of everything the agent can access.

Plus contained substances, actually, because even if they are in closed containers their names may be used metonymically.

check\_args(rule, action, token\_string, discourse, concept)

Returns matches for tokens past the first one, the arguments.

check\_rule(rule\_list, action\_list, token\_string, discourse, concept)

Returns all rules on the rule list that match the token string.

For instance, the two tokens "take lamp" will match ['TAKE', '@lamp'], assuming there is an object @lamp called "lamp" in the area and nothing else is called "lamp." That will be returned from TAKE's rule list. When check\_rule() is called with other rule lists, an empty list will be returned.

In cases of ambiguity ("take a thing" when there are several around) a single call of check\_rule() may return a list with several Items.

contained\_substances(items, concept)

correspond(exp, string)

Returns True if and only if the expression matches the entire string.

nonterminal(nonterm, discourse, concept)

Returns all phrases that a token such as ACCESSIBLE matches.

not\_descendant(agent, concept)

Returns a list of accessible items not in the agent's descendants.

noun\_phrase(item, discourse)

Returns a regular expression (string) corresponding to the Item.

recognize(user\_input, discourse, concept)

Main function for parsing user input.

Deals with special cases (such as "west", which is mapped to a command with a verb), invokes check\_rule for each command, and sets the appropriate information on user\_input.

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worn(agent, concept)
```

```
    Returns a list of things on (worn by) the agent.
```

#### DATA

```
__author__ = 'Nick Montfort'
```

```
__copyright__ = 'Copyright 2011 Nick Montfort'
```

```
__license__ = 'ISC'
```

```
__status__ = 'Development'
```

```
__version__ = '0.5.0.0'
```

#### VERSION

```
0.5.0.0
```

#### AUTHOR

```
Nick Montfort
```