

Help on module reply\_planner:

NAME

reply\_planner - Plan a reply, as in "document planning" (but this is a reply in a dialogue).

FILE

c:\nickmontfort-curveship-814de6e\reply\_planner.py

CLASSES

\_\_builtin\_\_.object

ReplyNode

Internal

Leaf

Commentary

NameRoom

TellAction

```
class Commentary(Leaf)
```

```
| A statement that does not narrate or describe: "Be careful, dear reader!"
```

```
|
```

```
| Method resolution order:
```

```
| Commentary
```

```
| Leaf
```

```
| ReplyNode
```

```
| __builtin__.object
```

```
|
```

```
| Methods defined here:
```

```
|
```

```
| __init__(self, info)
```

```
|
```

```
| -----
```

```
| Methods inherited from Leaf:
```

```
|
```

```
| __str__(self)
```

```
|
```

```
| -----
```

```
| Data descriptors inherited from ReplyNode:
```

```
|
```

```
| __dict__
```

```
| dictionary for instance variables (if defined)
```

```
|
```

```
| __weakref__
```

```
| list of weak references to the object (if defined)
```

```
class Internal(ReplyNode)
```

```
| Internal node in a reply structure, representing organization.
```

```
|
```

```
| Method resolution order:
```

```
| Internal
```

```

|     ReplyNode
|     __builtin__.object
|
| Methods defined here:
|
| __init__(self, category, reference_time, speech_time, children)
|
| __str__(self)
|
| -----
| Data descriptors inherited from ReplyNode:
|
| __dict__
|     dictionary for instance variables (if defined)
|
| __weakref__
|     list of weak references to the object (if defined)
|
class Leaf(ReplyNode)
|     Leaf node in a reply structure, representing something to narrate.
|
| Method resolution order:
|     Leaf
|     ReplyNode
|     __builtin__.object
|
| Methods defined here:
|
| __init__(self, category, info=None)
|
| __str__(self)
|
| -----
| Data descriptors inherited from ReplyNode:
|
| __dict__
|     dictionary for instance variables (if defined)
|
| __weakref__
|     list of weak references to the object (if defined)
|
class NameRoom(Leaf)
|     A statement naming the Room in which the Action took place.
|
| Method resolution order:
|     NameRoom
|     Leaf
|     ReplyNode
|     __builtin__.object
|

```

```

| Methods defined here:
|
| __init__(self, info)
|
| -----
| Methods inherited from Leaf:
|
| __str__(self)
|
| -----
| Data descriptors inherited from ReplyNode:
|
| __dict__
|     dictionary for instance variables (if defined)
|
| __weakref__
|     list of weak references to the object (if defined)
|
class ReplyNode(__builtin__.object)
| Abstract base class for reply structure nodes.
|
| Methods defined here:
|
| __init__(self, category)
|
| -----
| Data descriptors defined here:
|
| __dict__
|     dictionary for instance variables (if defined)
|
| __weakref__
|     list of weak references to the object (if defined)
|
class TellAction(Leaf)
| A statement narrating an Action.
|
| Method resolution order:
|     TellAction
|     Leaf
|     ReplyNode
|     __builtin__.object
|
| Methods defined here:
|
| __init__(self, info)
|
| -----
| Methods inherited from Leaf:
|

```

```

|   __str__(self)
|
|   -----
|   Data descriptors inherited from ReplyNode:
|
|   __dict__
|       dictionary for instance variables (if defined)
|
|   __weakref__
|       list of weak references to the object (if defined)

```

## FUNCTIONS

```

cull_actions(actions, concept, discourse)
    Remove Actions that should not be narrated at all from a sorted list.

determine_speech_time(discourse)
    Set speech time all the way ahead, or to follow the events, or back.

determine_speed(action, discourse)
    Returns a number in [0, 1], the speed of narration for this Action.

plan(action_ids, concept, discourse)
    Create a reply structure based on indicated Actions and the spin.

produce_analepsis(key_action, previous, concept, discourse)
    Finds an analepsis based on and to be inserted after the key Action.

structure_nodes(nodes, ref_time, speech_time, discourse)
    Return the root node of a reply structure organized using the parameters.

```

## 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
```