
getHistoryFilename.m

Summary: Script to find a name for the history file to be used. If user set use_previous_history=true, the name of the latest existing history file is returned. If use_previous_history=false, return a name for a new file.

Code

```
historyFilename = sprintf('historyMDP%i.mat', whichMDP);

if ~use_previous_history && ~exist(historyFilename, 'file')
    disp(['Creating first history file for this MDP, ' historyFilename]);

elseif use_previous_history && ~exist(historyFilename, 'file') % If the u
                                                                % there are no
    disp(['No previous history to load. Generating random data. Saving history in
use_previous_history = false;

else % If a history
    history_nb = 2;
    historyFilename = sprintf('historyMDP%i.%i.mat', whichMDP, history_nb);
    if use_previous_history && ~exist(historyFilename, 'file')
        historyFilename = sprintf('historyMDP%i.mat', whichMDP);
        disp(['Using data from file ' historyFilename]);
    else
        while exist(historyFilename, 'file') % Find the lat
            history_nb = history_nb + 1;
            historyFilename = sprintf('historyMDP%i.%i.mat', whichMDP, history_nb)
        end
        if use_previous_history % If user requ
                                % one step to
            history_nb = history_nb - 1;
            historyFilename = sprintf('historyMDP%i.%i.mat', whichMDP, history_nb)
            disp(['Using history from the latest file, ' historyFilename]);
        else
            disp(['Creating new file ' historyFilename]);
        end
    end
end
end
```

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