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Programming for Mechatronic Systems Autumn 2017 1012-2017-AUTUMN-CITY ⊘ | Discussion Board

Forum: Assignment 5 - Individual project **Thread: Clarification of D/HD requirement for PRM**

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Thread: Clarification of D/HD requirement for PRM

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Denise Tang   14 days ago

Clarification of D/HD requirement for PRM

COLLAPSE

Overall Rating:

Hi,

I'm not sure exactly what this means:

Enable reuse of the PRM in the next query phase by adding more configurations using the current OgMap.

Does this mean I'm using the same map I generated from the previous phase? Do I generate a better map? Do I just run the query phase again?

Thank you.

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☐

Alen Alempijevic   14 days ago

RE: Clarification of D/HD requirement for PRM

Overall Rating:

You never generate a map, and OgMap (map) is provided to you, that map is centered around the robots current position.

Your task in PRM is to produce and query the graph, for D/HD you need to reuse and extend the graph on each request of reaching a goal.

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Aaron Dinoia   14 days ago

RE: Clarification of D/HD requirement for PRM

Overall Rating:

So what you're saying is that we create a PRM for a requested goal point, then we reuse that PRM for when we call a new goal point. Would I be correct in saying that?

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Alen Alempijevic   10 days ago

RE: Clarification of D/HD requirement for PRM

Overall Rating:

create a PRM for a requested goal point, then we **reuse and extend** that PRM for when we call a new goal point.

> **Author:** Aaron Dinoia **Date:** Friday, 9 June 2017 8:44:22 PM AEST **Subject:** RE: Clarification of D/HD requirement for PRM
> So what you're saying is that we create a PRM for a requested goal point, then we reuse that PRM for when we call a new goal point. Would I be correct in saying that?

Select: All None

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