

A call for participation:

Supporting Large Scale Studies
of Planning Systems

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Potential Analogies

- Chasing windmills
- Chasing rainbows
- Painting rainbows
- Chasing a tornado
- Standing up out of the trenches

ingratiated ... compelled
... insane



The Stage

- 86 “planners”
 - 28 running at CSU
- 5000 “problems”
 - many, many more beyond STRIPS/ADL
- Performance data is an enormous benefit
- Thanks to the IPC we have two big pieces



The Story

- Each planner has its own space and comes from a history
- Each problem set has a space and comes from a history
- Tools for debugging exist, and each has a space and comes from its own history

The Soliloquy

- Comparison is ad hoc
(at least outside of the competitions)
- Non-competitions problems exist but have no clear venue
- New planners / post competition planners exist but have no clear venue
- Argument: A central repository would help (and not hinder??) advancement

Format

- Common models exist
 - Allow autonomous contributions
 - Review and correction
- Wiki-like format
 - what level of “control” should exist?
 - Where will the wiki live?
 - How do we design with change in mind?

What would “it” support?

- Science and scientific discovery
- Pedagogy
- Dissemination of information
- Visibility within and outside the community
- Credibility as a maturing field
- Others

Relevance and Insight

The IPC

- Build the wiki in conjunction with IPC6
- “Release” this version and get feedback



Beyond the IPC

- Drive insight by providing a common framework for integrating performance results and analysis of those results
 - Incorporate homogenous computing
 - Leverage it when it becomes possible



Issues to consider

- “Manage expectations”
 - What it is
 - What it could be
 - What it will never be
- Start small and expand
- Leverage combined/existing contributions



Issues to consider

- “Manage expectations”
 - What should it be?
 - What could it be?
 - What will it never be?
- Start small and expand
 - What is the appropriate level/size?
- Leverage combined/existing contributions
 - How to leverage contributions but maintain quality?