

Administering Inca with incat

Jim Hayes

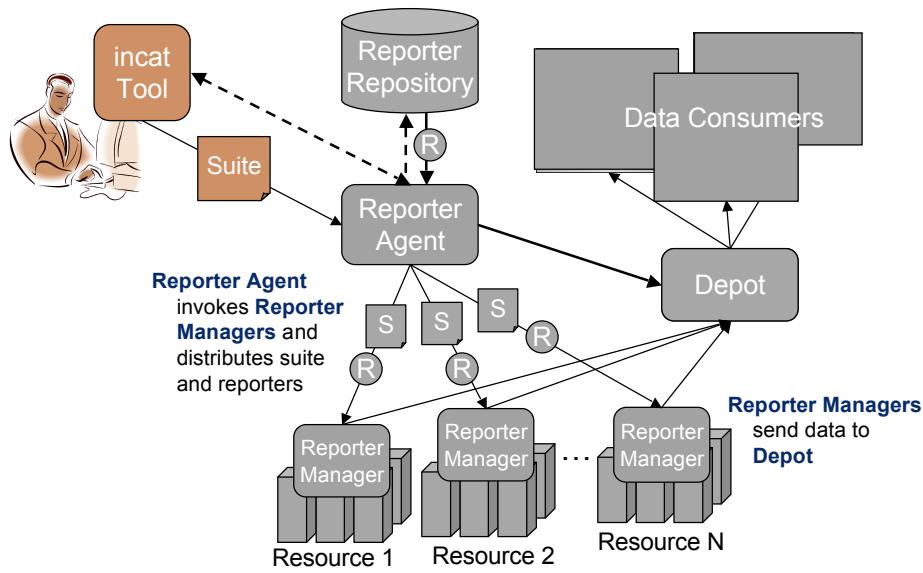
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Inca 2.0 Workshop
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Architecture overview



Outline

- **Launching incat**
- **Adding repositories**
- **Adding resources**
- **Managing suites and report series**



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Launching incat

- “**incat start incat**” to start
- **Can work with a local file (–file *path*), a Reporter Agent (–agent *host:port*), or both**
- **Retrieves existing configuration from Reporter Agent and/or loads specified file**



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incat Display

- Tabs for repository, resource, and suite
- File Open/Save/Save As menu
- File/Commit sends to Reporter Agent

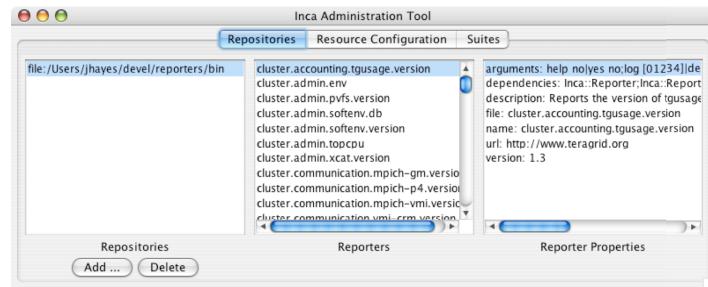
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Repositories Tab



- **Repository list, reporter summary, reporter properties**
- **Reporter information retrieved from Reporter Agent**
- **Repository URLs relative to Reporter Agent**

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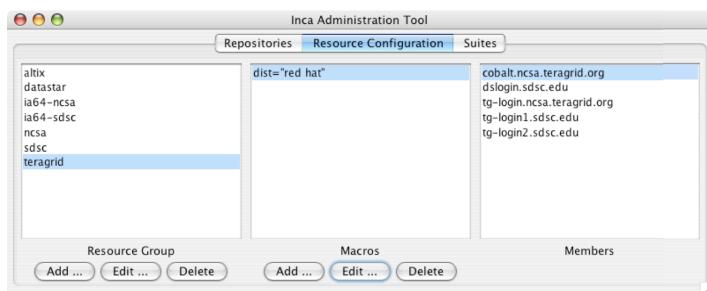
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Resource Configuration Tab

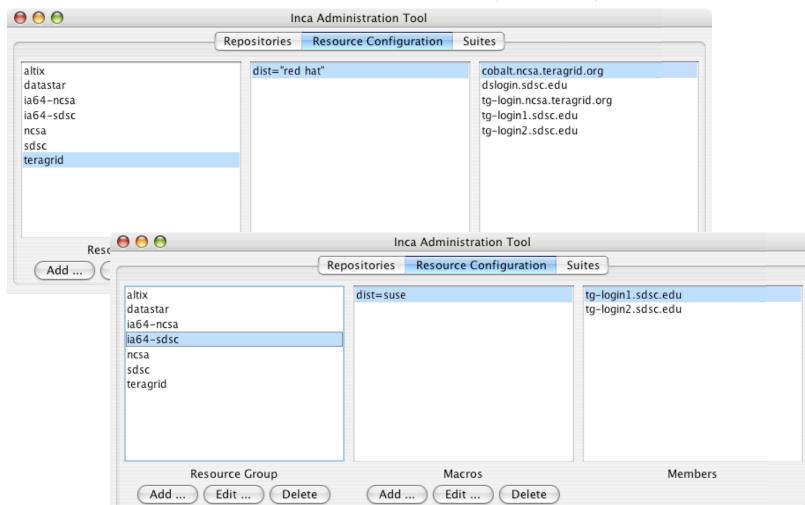


- Resource group name, associated macros, member hosts
- Groups of groups supported
- Macro for most specific group applies

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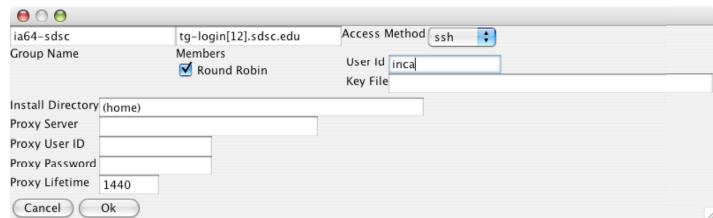
Resource Panel (cont.)



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Using Ssh Resources

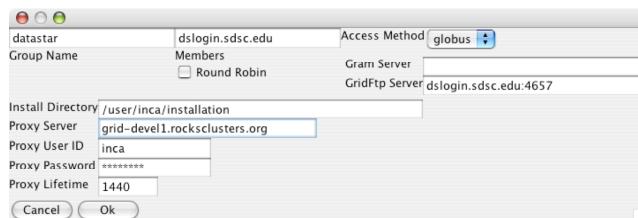


- Member specification allows choice () and character sets ([])
- Round Robin resources considered equivalent—one Reporter Manager
- Passwordless ssh key, for now

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Using Globus Resources

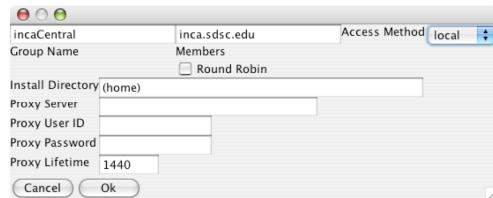


- Accessed by Reporter Agent via Globus CoG Java classes
- Reporter Manager staging via GridFtp
- Proxy used by Reporter Agent to launch Reporter Manager and potentially by Reporters

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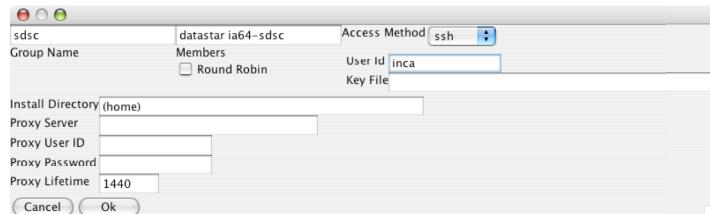
Using the Local Resource



- Allows running reporters on the same machine as the Reporter Agent
- Used by default installation



Grouping Resources



- Directory, proxy info, etc. like macros--most specific value is used for each host



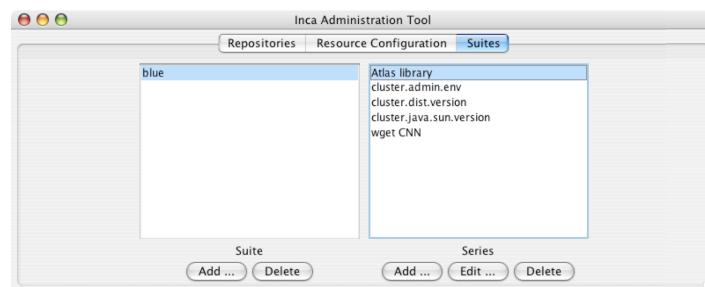
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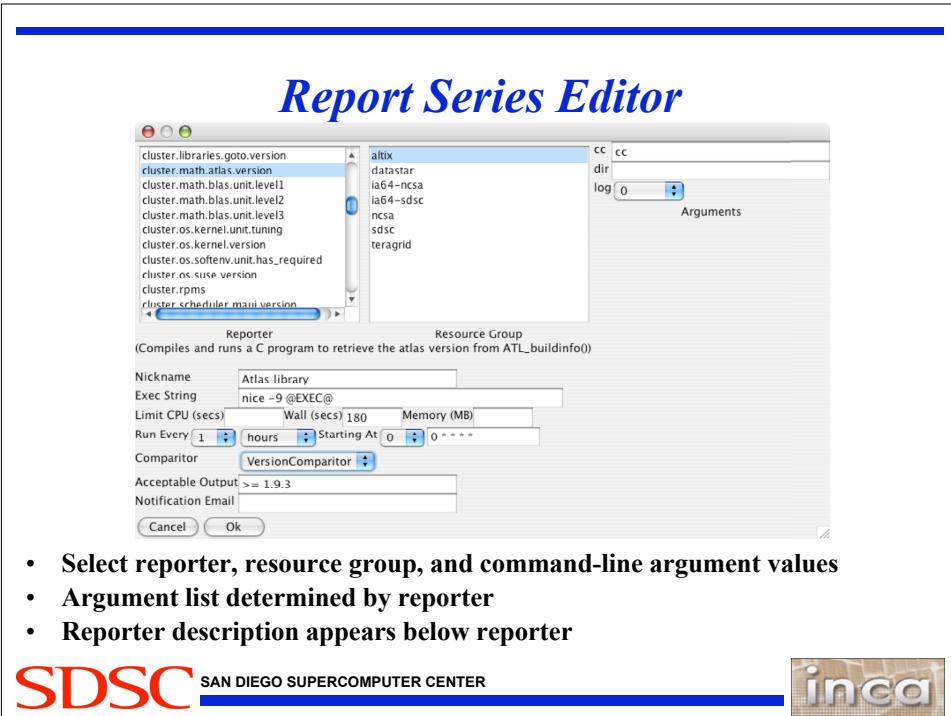
Suites Tab



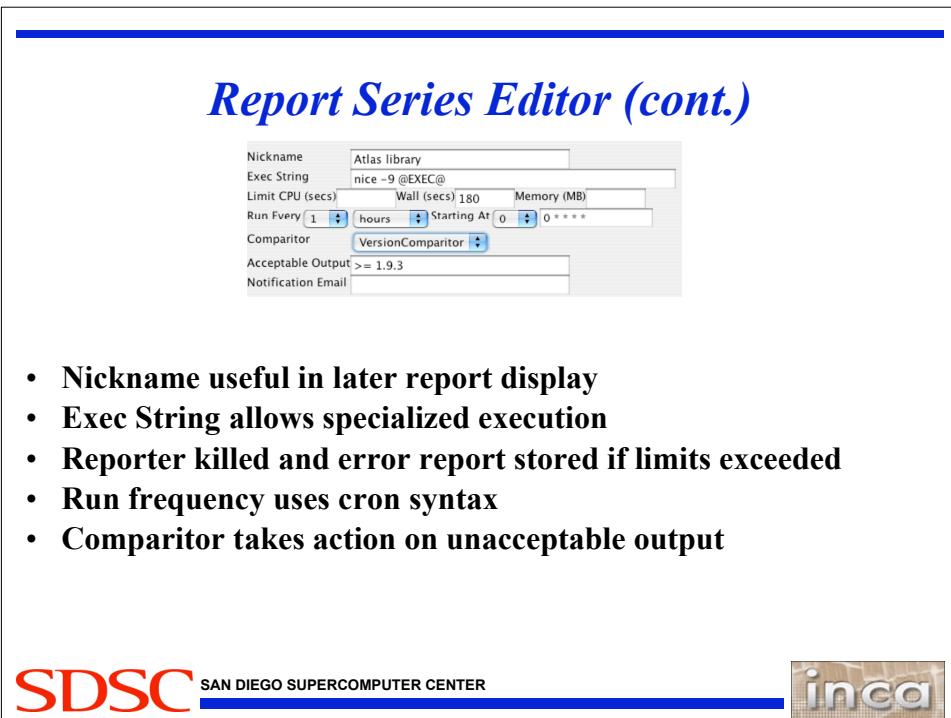
- Single/multiple series choice up to administrator
- Report series named after reporter or given “nickname”

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