

What's New In PC² Version 9.2

<Last Update: 2011-09-06>

1. Introduction

This document describes changes and enhancements in PC2 between Versions 9.2.0 and 9.1. If you are unfamiliar with PC² read the PC² Version Contest Administrator's Guide.

2. New Features

2.1. Non GUI Server

In version 9.0 through 9.1 the only way to start a server was via a GUI login and window (aka server GUI). With 9.2 the server can be started up without a GUI using the `--nogui` command line option. The same login and contest password fields are needed to be supplied to startup a server.

For the first server the following command line can be used:

```
pc2server --nogui --contestpassword cPass --login site1 --password site1
```

For a secondary server the following command line can be used.

```
pc2server --nogui --login site2 --password site2
```

The server should not be shutdown like it was in Version 8, there is a Shutdown button on the Admin Site tab that should be used to shutdown a server. The Shutdown button can be used for non-GUI and GUI server.

2.2 New -F option for better security

Under most Unix systems the complete command line is listed when using a `ps` or similar command revealing login id's and passwords if `-login`, `--password` or `--contestpassword` are specified on the command line. The `-F` option provides a way to read those options and values from a file. See the section "Using the -F Option" in the Contest Administrator's Guide for more details.

2.3. Server shutdown on Admin

In version 9.0 through 9.1 the only way to shutdown a server was to use the Exit button on the Server GUI. With 9.2 an admin user can shutdown any server or all servers using the Shutdown button on the Admin Sites Tab.

2.4 Team output limit configurable

The team's stdout and stderr output limit is now configurable, use the Administration Configure Contest tab, Settings Tab. The field name is "Maximum output size (in KB)"

2.5 Deleted Problems, Languages and Judgments

For Problems, Language and Judgments there is now a "Hide" checkbox. If selected then the item will be "deleted" or hidden from the user.

Hide Language will remove the language from both submitting runs and clars.

Hide Judgment will no longer allow a judge to select that judgement

Hide Problem will remove the language from both submitting runs and clars. Hiding a problem will also remove all problem references on the scoreboard.

2.6 Command line Report program

There is a new pc2report script which creates reports.

The pc2report only works when run under the pc2 server current working directory, if it is run under another directory the program will issue the following message:

ERROR nothing to print, no pc2 files/profiles found under <dirname>

3. Bug Fixes

A large number of bugs have been fixed between Version 9.1 and Version 9.2.

For complete list of bugs fixed in 9.2, use the PC² Bugzilla search and search for Target Milestone 9.2.0.