

Using Savannah for TSP



Eric NOULARD
ONERA/DTIM
eric.noulard@onera.fr
www.onera.fr



ONERA

THE FRENCH AEROSPACE LAB

retour sur innovation

Savannah hosting for TSP

- Savannah
<https://savannah.nongnu.org/>
 - is the FSF (Free Software Foundation) hosting platform
 - only hosts **Open Source Software** projects
 - is not owned by any of the TSP stakeholders, **no commercial advertisement accepted**
 - hosts a large number of projects (**2737**) and users (**49376**)
 - the hosting service itself is open source software (Savane)
- High quality hosted services provided
 - Source Configuration System (CVS, [Subversion]) both RO anonymous and authenticated RW access.
 - Trackers (Bugs, Tasks, Patches)
 - Download Area
 - Secured Access (ssh, digitally signed files [OpenPGP], rsync [RO])
 - Mailing Lists



- Open Platform to
 - **Share** Source Code
 - **Share** Informations
 - **Contribute** (both)
 - Make the TSP Community **happy & efficient**

<https://savannah.nongnu.org/projects/tsp>

- This is the **primary** site for TSP informations and communications
- Go there to pick-up TSP
 - Download
 - CVS (anonymous or authenticated)
(using `cvs`, `TkCVS`, `TortoiseCVS`, `WinCVS`, `Eclipse`, `[X]Emacs...`)
- Go there to report a bug or ask for informations
 - Trackers for bugs, patch
 - Mailing List(s) for asking questions



Anonymous or Savannah Registered User

- Anonymous User may (depending on project configuration and SPAM control)
 - get files from download area
 - submit a bug report or patches
 - subscribe to mailing list
 - check out read-only copy of CVS content
 - browse most of the site read-only
 - CVS content
 - task, bugs, patches
- Registered Savannah User may (**The better choice**)
 - Same as Anonymous +
 - Join TSP project as developer
 - Access to SPAM restricted area (task comment, bug comment, etc...)
 - Automatically gets follow-up of its contribution

TSP @ SV : report a bug

- Fill-in the form
 - Category (Core, Targa, Gdisp, Packaging, ...)
 - **Release** (selectable drop down menu)
 - Severity
- Anybody adding a comment will receive follow-up
- Bug processing path:
 - TSP administrators will automatically receive an e-mail notification which tells a new bug has come (***authenticated user will receive a mail too***)
 - TSP developer will review and try to reproduce the bug and eventually discuss with the bug submitter (***easier with authenticated user***)
 - TSP administrator will assign the bug resolution to one of the TSP developer (voluntary basis, there is NO one-sided decision)
 - The assigned developer will fix the bug and update the tracker
 - The (***authenticated***) bug submitter is notified each time the bug status changes

Transport Sample Protocol - Anomalies : bug #19008, Cannot subscribe to large arrays

[Groupe](#) [Accueil](#) [Site web](#) [Téléchargement](#) [Documentation](#) [Assistance](#) [Listes de discussion](#) [Code source](#) [Anomalies](#)
[Tâches](#) [Patches](#) [Dépêches](#)

Vous êtes [technicien](#) et [gestionnaire](#) sur cet outil de suivi.

bug #19008 : Cannot subscribe to large arrays

Posté par : None
Posté le : vendredi 09.02.2007 à 11:11

[Poster et consulter d'autres items](#)

[Poster et revenir à cet item](#)

<u>Category:</u>	Core	<u>Severity:</u>	3 - Normal
<u>Status:</u>	In Progress	<u>Privacy:</u>	Public
<u>Assigned to:</u>	erk	<u>Open/Closed:</u>	Open
<u>Discussion Lock:</u>	Unlocked	<u>Release:</u>	0.8.2
<u>Fixed Release:</u>	NextRelease		
<u>Summary:</u>	Cannot subscribe to large arrays		

* Champs obligatoires

[\(+\)](#) Poster un commentaire

[\(-\)](#) Discussion

lundi 12.02.2007 à 13:40, commentaire #4 :

Hi Eric,

Thanks for your late night hacking. :-)

It seems to work for us. Large arrays with 10000 elements work as expected.

Robert de Vries
<rhdv>

[\(\) Signaler
comme spam](#)

dimanche 11.02.2007 à 22:46, commentaire #3 :

I committed a preliminary fix in CVS.

The bug is mainly due to old single type and scalar handling of TSP symbols.

Eric NOULARD
<erk>



TSP @ SV : Discuss on the Mailing List(s)

1) Join the mailing list

<http://lists.nongnu.org/mailman/listinfo/tsp-devel>

Only subscribers may post messages on the ML in order to avoid large amount of SPAM.

2) Post your questions on the ML

3) Answers come on the ML and not to individual in order to

1) share knowledge with other subscribers

2) stored Q&A in ML archive which could be searched later

3) enable fast answer from anyone (community best effort)

About Tsp-devel

Transport Sample Protocol development list :
Dedicated to TSP Developers.
TSP use to dynamically distribute data over TCP/IP links, between many hosts.

To see the collection of prior postings to the list, visit the [Tsp-devel Archives](#).

Using Tsp-devel

To post a message to all the list members, send email to tsp-devel@nongnu.org.

You can subscribe to the list, or change your existing subscription, in the sections below.

Subscribing to Tsp-devel

Subscribe to Tsp-devel by filling out the following form. You will be sent email requesting confirmation, to prevent others from gratuitously subscribing you. This is a hidden list, which means that the list of members is available only to the list administrator.

Your email address:

Your name (optional):

You may enter a privacy password below. This provides only mild security, but should prevent others from messing with your subscription. **Do not use a valuable password** as it will occasionally be emailed back to you in cleartext.

If you choose not to enter a password, one will be automatically generated for you, and it will be sent to you once you've confirmed your subscription. You can always request a mail-back of your password when you edit your personal options.

Pick a password:

Reenter password to confirm:

Which language do you prefer to display your messages? English (USA)

Would you like to receive list mail batched in a daily digest? No Yes

Tsp-devel Subscribers

(The subscribers list is only available to the list administrator)

TSP @ SV : Submit a patch

- The favorite way to contribute source evolution
<https://savannah.nongnu.org/patch/?group=tsp>
- Patch should be submitted as **unified** diff
(thank you Robert)
 - Directly using CVS

```
cv diff -kk -u -r TSP_0_8_2 [src/core/ctrl/] > myTSP_0_8_2.patch
```
 - By making a diff between modified and pristine reference directory
diff
- Then everybody interested may pick-up the patch and [try to] apply it.

```
cd /path/to/tsp/sources  
patch -pX < myTSP_0_8_2.patch
```



Transport Sample Protocol - Patches : Consulter les items

- Groupe
- Accueil
- Site web
- Téléchargement
- Documentation
- Assistance
- Listes de discussion
- Code source
- Anomalies
- Tâches
- Patches
- Dépêches

(+) Critères d'affichage

6 items correspondants - Items de 1 à 6

Item ID	Summary	Status	Assigned To	Submitted On
#5688	Fix building of RPM packages	Ready For Test	erk	lun 15.01.2007, 13:58
#5208	V-0.8 doesn't compile under Solaris 2.8	Done	erk	mer 28.06.2006, 12:18
#4948	linux Power PC port + others	Ready For Test	erk	ven 03.03.2006, 13:38
#4779	TSP 0.7.0 patch for Python TSP asynchronous and synchronous consumers	Done	brutusj	lun 09.01.2006, 10:04
#4675	Some improvement to make bb_provider handle ACKnowledge on copy	Done	erk	lun 05.12.2005, 22:15
#3711	Ensure clean compilation on FreeBSD	Done	erk	mar 01.02.2005, 23:53

6 items correspondants - Items de 1 à 6

Nuancier des priorités des items ouverts :

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

Nuancier des priorités des items fermés :

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

TSP @ Savannah : Community principle

- Anyone may [should] ask a question on the mailing list
- Anybody may answer sooner, later or never
 - If you never get an answer
 - verify you did subscribe to the list
 - verify if your message reached the list archive
 - ask again with more precision
 - be patient everybody may be on holiday
- Every contribution (patch, bug report, etc...) is welcomed and subject to peer review
- The more you share/contribute the more the community get ... and you are part of it.
- Be aware that TSP @ Savannah is **not concerned** by commercial support, if you need fixed delay answers buy TSP commercial support: ask for it on tsp-devel ML and you will get **private answers**.

Conclusion



<https://savannah.nongnu.org/projects/tsp>

**Go to Savannah to
share and contribute
your TSP experience**

