

# Table des matières

- Ajout d'une nouvelle caractéristique dans la branche stable** ..... 3
- Rappel*** ..... 3
- Procédure*** ..... 3
- Fusion de default dans prep-release*** ..... 5
- Enregistrement dans la branche stable*** ..... 5
- Copie de prep-release dans default*** ..... 6
- Copie de la branche stable dans default*** ..... 7
- Envoi des modifications sur le serveur de révisions*** ..... 8
- En résumé*** ..... 9
  - Dépôt sur le poste client ..... 9
  - Dépôt sur le serveur de révisions ..... 9



# Ajout d'une nouvelle caractéristique dans la branche stable

Cette page vous montre comment on intègre une caractéristique ("feature") dans la branche stable.

## Rappel

La "feature" a été développée dans le branche f-compile. (f- comme "feature").

## Procédure

La branche f-compile va être :

- insérée dans la branche default.
- puis copiée dans la branche prep-release (prepare-release)
- où on :
  - ajoutera une documentation,
  - corrigera des bugs,
  - ...

La branche prep-release sera ensuite copiée dans la branche stable où elle sera étiquetée avec le numéro adéquat.

La branche prep-release sera enfin copiée dans la branche default qui contiendra, ainsi, toutes les modifications de l'application.

```
H:\essais\build_xml_clone_pour_f-compile>hg summary
```

```
parent: 17:1d93d3a95151 tip
Création d'une cible init et d'une cible compile dans build.xml - ref
branch: f-compile
commit: (clean)
update: (current)
mq:      (empty queue)
```

```
H:\essais\build_xml_clone_pour_f-compile>hg branch f-compile
```

```
H:\essais\build_xml_clone_pour_f-compile>hg update default
```

```
resolving manifests
branchmerge: False, force: False, partial: False
ancestor: 1d93d3a95151, local: 1d93d3a95151+, remote: 6bb137890448
build.xml: remote is newer -> g
getting build.xml
updating: build.xml 1/1 files (100.00%)
```

```
1 files updated, 0 files merged, 0 files removed, 0 files unresolved
```

```
H:\essais\build_xml_clone_pour_f-compile>hg branch
```

```
default
```

```
H:\essais\build_xml_clone_pour_f-compile>hg summary
```

```
parent: 11:6bb137890448
 Fusion de stable dans default LISEZMOI.txt precise le workflow
branch: default
commit: (clean)
update: (current)
mq:      (empty queue)
```

```
H:\essais\build_xml_clone_pour_f-compile>hg merge f-compile
```

```
  searching for copies back to rev 12
  resolving manifests
  branchmerge: True, force: False, partial: False
  ancestor: 6bb137890448, local: 6bb137890448+, remote: 1d93d3a95151
  build.xml: remote is newer -> g
  getting build.xml
  updating: build.xml 1/1 files (100.00%)
  1 files updated, 0 files merged, 0 files removed, 0 files unresolved
  (branch merge, don't forget to commit)
```

```
H:\essais\build_xml_clone_pour_f-compile>hg commit -u bruno -m "Fusion de f-compile dans
branche default - closes #7"
```

```
build.xml
calling hook commit.lfiles: hgext.largefiles.reposetup.checkrequireslfiles
committed changeset 18:de83e362b0fbfeee5d4ddf4285f092877d78a4e6
```

Normalement on devrait :

- fusionner default avec prep-release
- puis ajouter des documentations

```
H:\essais\build_xml_clone_pour_f-compile>hg branches
```

```
default          18:de83e362b0fbfeee5d4ddf4285f092877d78a4e6
prep-release     6:ebd97889959b40935574e4b5cf35b940da287bf5
f-compile       17:1d93d3a95151f77a22ad45332c760ba7c8118daa
(inactive)
stable          10:abb01d174d873eb4c7a9ff834dc02e758dc5fab8
(inactive)
maintenance     8:96e3fe73e45c5841679a7f178687f6f3baccfce9
(inactive)
```

## Fusion de default dans prep-release

```
H:\essais\build_xml_clone_pour_f-compile>hg update prep-release
```

```
resolving manifests
branchmerge: False, force: False, partial: False
ancestor: de83e362b0fb, local: de83e362b0fb+, remote: ebd97889959b
.hgtags: other deleted -> r
LISEZMOI.txt: remote is newer -> g
build.xml: remote is newer -> g
removing .hgtags
updating: .hgtags 1/3 files (33.33%)
getting LISEZMOI.txt
getting build.xml
updating: build.xml 3/3 files (100.00%)
2 files updated, 0 files merged, 1 files removed, 0 files unresolved
```

```
Modification du fichier LISEZMOI.txt cat LISEZMOI.txt
```

```
-- Demo branches --"
-- Création des Branches dans le dépôt --

-- Evolution --
Version V1.0 - Ajout de la caractéristique (feature) : compilation dans le
fichier build.xml
```

### hg status

```
M LISEZMOI.txt
```

```
hg commit -u bruno -m "Documentation de l'application : on modifie LISEZMOI.txt pour
indiquer la version et la feature correspondante"
```

```
calling hook commit.lfiles: hgext.largefiles.reposetup.checkrequireslfiles
committed changeset 20:015fa94e1b287ba1969ca44a7a0878ffc506be56
```

## Enregistrement dans la branche stable

```
H:\essais\build_xml_clone_pour_f-compile>hg update stable
resolving manifests
branchmerge: False, force: False, partial: False
ancestor: 015fa94e1b28, local: 015fa94e1b28+, remote: abb01d174d87
LISEZMOI.txt: remote is newer -> g
build.xml: remote is newer -> g
getting LISEZMOI.txt
getting build.xml
```

```
updating: build.xml 2/2 files (100.00%)
2 files updated, 0 files merged, 0 files removed, 0 files unresolved
```

H:\essais\build\_xml\_clone\_pour\_f-compile>**hg merge prep-release**

```
  searching for copies back to rev 6
  resolving manifests
  branchmerge: True, force: False, partial: False
  ancestor: abb01d174d87, local: abb01d174d87+, remote: 015fa94e1b28
  LISEZMOI.txt: remote is newer -> g
  build.xml: remote is newer -> g
  getting LISEZMOI.txt
  getting build.xml
  updating: build.xml 2/2 files (100.00%)
  2 files updated, 0 files merged, 0 files removed, 0 files unresolved
  (branch merge, don't forget to commit)
```

H:\essais\build\_xml\_clone\_pour\_f-compile>**hg commit -u bruno -m "Fusion de la branche prep-release dans la branche stable"**

```
LISEZMOI.txt
build.xml
calling hook commit.lfiles: hgext.largefiles.reposetup.checkrequireslfiles
committed changeset 21:d1b07206d6d7fe4f8c44f8b70023b822ad46a181
```

**hg tag V1.0**

## Copie de prep-release dans default

Erreur de manipulation On a d'abord fait un `hg default`.

Puis un : `hg merge stable` (sans `hg commit`)

C'était une erreur : le tag V1.0 n'a pas à se trouver dans la branche default.

On voulait fusionner prep-release dans la branche default.

Pour annuler le `hg merge`, il suffit de demander :

H:\essais\build\_xml\_clone\_pour\_f-compile>**hg update -C -r .**

```
  resolving manifests
  branchmerge: False, force: True, partial: False
  ancestor: de83e362b0fb+, local: de83e362b0fb+, remote: de83e362b0fb
  .hgtags: remote is newer -> g
  LISEZMOI.txt: remote is newer -> g
  getting .hgtags
```

```
getting LISEZMOI.txt
updating: LISEZMOI.txt 2/2 files (100.00%)
2 files updated, 0 files merged, 0 files removed, 0 files unresolved
```

```
H:\essais\build_xml_clone_pour_f-compile>hg branch
default
```

```
H:\essais\build_xml_clone_pour_f-compile>**hg merge prep-release**<code>
  searching for copies back to rev 6
  resolving manifests
  branchmerge: True, force: False, partial: False
  ancestor: de83e362b0fb, local: de83e362b0fb+, remote: 015fa94e1b28
  LISEZMOI.txt: remote is newer -> g
getting LISEZMOI.txt
updating: LISEZMOI.txt 1/1 files (100.00%)
1 files updated, 0 files merged, 0 files removed, 0 files unresolved
(branch merge, don't forget to commit)
```

```
H:\essais\build_xml_clone_pour_f-compile>hg commit -u bruno -m "Fusion de la branche prep-release dans la branche default qui contiendra la version stable sans l'etiquette de version"
```

```
LISEZMOI.txt
calling hook commit.lfiles: hgext.largefiles.reposetup.checkrequireslfiles
committed changeset 23:89d35752f6d46f3ccc78368810021fb33ebb0e58
```

## Copie de la branche stable dans default

```
H:\essais\build_xml_clone_pour_f-compile>hg branch
```

```
default
```

```
H:\essais\build_xml_clone_pour_f-compile>hg merge stable
```

```
  searching for copies back to rev 21
  resolving manifests
  branchmerge: True, force: False, partial: False
  ancestor: 015fa94e1b28, local: 89d35752f6d4+, remote: 90fcdcaaf5ed
  .hgtags: remote is newer -> g
getting .hgtags
updating: .hgtags 1/1 files (100.00%)
1 files updated, 0 files merged, 0 files removed, 0 files unresolved
(branch merge, don't forget to commit)
```

```
H:\essais\build_xml_clone_pour_f-compile>hg commit -u bruno -m "Fusion de la branche stable dans la branche default qui contiendra la version stable avec l'etiquette de version"
```

```
.hgtags
calling hook commit.lfiles: hgext.largefiles.reposetup.checkrequireslfiles
```

committed changeset 24:c336a7d188b0f98f2525be449f56737fa096fee8

## Envoi des modifications sur le serveur de révisions

```
H:\essais\build_xml_clone_pour_f-compile>hg push
pushing to http://192.168.108.111:8080/scm/hg/build_xml
using http://192.168.108.111:8080/scm/hg/build_xml
sending capabilities command
[HgKeyring] Keyring URL: http://192.168.108.111:8080/scm/hg/build_xml
Username not specified in .hg/hgrc. Keyring will not be used.
http authorization required
realm: SONIA :: SCM Manager
user: bruno
password:
[HgKeyring] Manually entered password. Url:
http://192.168.108.111:8080/scm/hg/build_xml,
user: bruno, passwd: *****
query 1; heads
sending batch command
searching for changes
all remote heads known locally
sending branchmap command
sending branchmap command
preparing listkeys for "bookmarks"
sending listkeys command
6 changesets found
list of changesets:
fde0e68cd5347afdce3e3ae9b3606d0a65324739
015fa94e1b287ba1969ca44a7a0878ffc506be56
d1b07206d6d7fe4f8c44f8b70023b822ad46a181
90fcdcaaf5ed8d731a50576c897b363b2544e9ff
89d35752f6d46f3ccc78368810021fb33ebb0e58
c336a7d188b0f98f2525be449f56737fa096fee8
bundling: 1/6 changesets (16.67%)
bundling: 2/6 changesets (33.33%)
bundling: 3/6 changesets (50.00%)
bundling: 4/6 changesets (66.67%)
bundling: 5/6 changesets (83.33%)
bundling: 6/6 changesets (100.00%)
bundling: 1/6 manifests (16.67%)
bundling: 2/6 manifests (33.33%)
bundling: 3/6 manifests (50.00%)
bundling: 4/6 manifests (66.67%)
bundling: 5/6 manifests (83.33%)
bundling: 6/6 manifests (100.00%)
bundling: .hgtags 1/2 files (50.00%)
bundling: LISEZMOI.txt 2/2 files (100.00%)
sending unbundle command
```

```
sending 1533 bytes
sending: 1/2 kb (50.00%)
sending: 1/2 kb (50.00%)
remote: adding changesets
remote: adding manifests
remote: adding file changes
remote: added 6 changesets with 2 changes to 2 files (-1 heads)
preparing listkeys for "phases"
sending listkeys command
preparing pushkey for "phases:c336a7d188b0f98f2525be449f56737fa096fee8"
sending pushkey command
sending 0 bytes
try to push obsolete markers to remote
checking for updated bookmarks
preparing listkeys for "bookmarks"
sending listkeys command

H:\essais\build_xml_clone_pour_f-compile>
```

## En résumé

### Dépôt sur le poste client



### Dépôt sur le serveur de révisions



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