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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 be=ranche `default` qui cotiendra, 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
```

</code> 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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