

# Developer guidelines

Arni Magnusson

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## 1 Prerequisites

<b>Windows</b>	SVN, Rtools, L <sup>A</sup> T <sub>E</sub> X
<b>Linux</b>	None

## 2 Add new function

1. Check out a working copy  
`svn co svn+ssh://scm.r-forge.r-project.org/svnroot/hafroassmt/pkg local`
2. Copy 'foo.R' to 'local/R'
3. Copy 'foo.Rd' to 'local/man'
4. Update 'DESCRIPTION' and 'NEWS'
5. Update 'man/hafroAssmt-package.Rd'
6. Make a copy of 'local' directory and call it 'hafroAssmt'
7. Check package  
`R CMD check hafroAssmt`
8. If all tests are passed, delete 'hafroAssmt' and 'hafroAssmt.Rcheck'
9. Add new files to project inside the 'local' directory  
`svn add R/foo.R`  
`svn add man/foo.Rd`
10. Check SVN status inside 'local' directory  
`svn st`
11. If everything looks correct, commit changes to repository,  
`svn ci`  
adding a log entry (without final newline)

### 3 Edit function

1. Check out a working copy  
`svn co svn+ssh://scm.r-forge.r-project.org/svnroot/hafroassmt/pkg local`
2. Edit 'local/R/foo.R'
3. Edit 'local/man/foo.Rd'
4. Update 'DESCRIPTION' and 'NEWS'
5. Make a copy of 'local' directory and call it 'hafroAssmt'
6. Check package  
`R CMD check hafroAssmt`
7. If all tests are passed, delete 'hafroAssmt' and 'hafroAssmt.Rcheck'
8. Check SVN status inside 'local' directory  
`svn st`
9. If everything looks correct, commit changes to repository,  
`svn ci`  
adding a log entry (without final newline)

## 4 Delete function

1. Check out a working copy  
`svn co svn+ssh://scm.r-forge.r-project.org/svnroot/hafroassmt/pkg local`
2. Delete 'foo.R' from 'local/R'
3. Delete 'foo.Rd' from 'local/man'
4. Update 'DESCRIPTION' and 'NEWS'
5. Update 'man/hafroAssmt-package.Rd'
6. Make a copy of 'local' directory and call it 'hafroAssmt'
7. Check package  
`R CMD check hafroAssmt`
8. If all tests are passed, delete 'hafroAssmt' and 'hafroAssmt.Rcheck'
9. Delete files from project inside the 'local' directory  
`svn del R/foo.R`  
`svn del man/foo.Rd`
10. Check SVN status inside 'local' directory  
`svn st`
11. If everything looks correct, commit changes to repository,  
`svn ci`  
adding a log entry (without final newline)

## 5 References

<http://svnbook.red-bean.com/nightly/en/svn-book.pdf>  
SVN commands

<http://cran.r-project.org/doc/manuals/R-exts.pdf>  
R packages and help pages