# FPBL release instructions

1. Feature list and version number
   1. Develop list of all features and bug fixes of released version
   2. Confirm version number. Currently it is defined in format: A.B.C

1. Create release candidate

Release: Create release\_fpbl\_xxx branch from develop

Hotfix: hotfix\_fpbl\_xxx branch from Master

1. Set rc-version number in …\Gift\Libraries\FPBuilderLib\Src\grid\FpblVersion.h

#define FPBL\_VERSION\_MAJOR A

#define FPBL\_VERSION\_MINOR B

#define FPBL\_VERSION\_BUILD C

#define FPBL\_VERSION\_RELEASE\_ID FPBL\_VERSION\_RELEASE\_ID\_RC

1. Release testing
   1. execute tests according to FPBL Test Plan
   2. Save test results in test report
   3. Compare results with previous version for bit-exactness
   4. If all tests have been passed go-to next step else fix bugs and go to start
   5. Take test review with another team member
2. RelNotes - Add new feature and bugfixes description in ..Gift\Applications\fp\_builder.console\ README.md
3. Set release-version number in …\Gift\Libraries\FPBuilderLib\Src\grid\FpblVersion.h

For version A.B.C set as

#define FPBL\_VERSION\_MAJOR A

#define FPBL\_VERSION\_MINOR B

#define FPBL\_VERSION\_BUILD C

#define FPBL\_VERSION\_RELEASE\_ID FPBL\_VERSION\_RELEASE\_ID\_RELEASE

1. Release merge

* Checkout MASTER\_B
* Merge release candidate in to MASTER\_B
* Create tag “FPBL vA.B.C”, use real version number instead A.B.C
* Push MASTER\_B
* Checkout DEVELOP
* Merge MASTER\_B in to DEVELOP
* Set develop-version number in DEVELOP branch in in …\Gift\Libraries\FPBuilderLib\Src\grid\FpblVersion.h

For version A.B.C set as

#define FPBL\_VERSION\_MAJOR A

#define FPBL\_VERSION\_MINOR B

#define FPBL\_VERSION\_BUILD C+1

#define FPBL\_VERSION\_RELEASE\_ID FPBL\_VERSION\_RELEASE\_ALFA

* Push DEVELOP

1. Server build

Trigger [FPBuilder\_Build+Deployment](http://zeusmachine-d:8080/job/SurveyApp/job/FPBuilder_Build+Deployment/) task on ZEUS

1. Smoke Testing
   1. Process one venue with [FPBuilder\_Reprocessing](http://zeusmachine-d:8080/job/SurveyApp/job/FPBuilder_Reprocessing/) task on ZEUS – check build results for matching to expectations!
   2. Take test review with another team member
2. Reprocess all venues after critical bagfixes – ask Project Manager Confirmation
3. Release mail – if necessarily
4. Extended evaluation - if necessarily