**Product Development - DM\_SBV**

**Unified changelog - commit messages structure**

*How to write commit messages compatible with CHANGELOG*

Each change in the system (i.e. commit) should have a change type. Set of available types is: FIX|PFIX|FEAT|TECH|QA|PERF|DOC|CONF. Each system must have the changelog file and follow the rules of selected format. There are two supported formats for git commit and changelog messages.

**Strict format**

TYPE (COUNTRY) \*FLAG: [XYZ-1234] Description

Examples:

* FIX (ID,IN,KZ,VN): [TIN-8810] SNMImport - ConcurrentModificationException and saving wrong translations values fix
* PFIX DB: [RFC-171586] Latest insurance contract status transition check
* FEAT (IN) COMPLETE: [PCG-260] CBL-270 Added new accounting method type CD4, update prod. profile PP022N

**Rebel format**

[TYPE COUNTRY FLAG XYZ-1234] Description

Optionally, you may use commas or extract ticket number to description, i.e.: [TYPE, COUNTRY, FLAG] (XYZ-1234) Description

Examples:

* [FIX ID IN KZ VN TIN-8810] SNMImport - ConcurrentModificationException and saving wrong translations values fix
* [PFIX RFC-171586 DB] Latest insurance contract status transition check
* [FEAT, IN, COMPLETE] PCG-260 CBL-270 Added new accounting method type CD4, update prod. profile PP022N

Ticket can be further used in a TC job to close the ticket in JIRA in case of 1:1 commit-to-JIRA mapping after successful build/deploy or passing test.

Image below describes the whole changelog workflow: <https://git.homecredit.net/kisel/changelog-viewer/raw/master/workflow.PNG>

**List of supported flags**

Following is the list of flags which might be used:

* Number of the merge request or git commit hash: !123, 123!, !1e25ab5412
* Name of the author (should be nickname at the gitlab): @myNickAtGit
* Indicator for the DataBase change: DB
* Indicator for the properties (deployment plan) change: PROPS
* Indicator for the API change, optionally it may have names of APIs after :, multiple names are separated by ampersand: API:customerRest\_v1.1&soap\_v2