eCH-0216 FRBD Web services

List of implemented services for a SW216 commercial software

Form version 1.3, 06.08.2021

**Software:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Version:** \_\_\_\_\_\_\_\_\_\_\_

**Software company:**

**Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Full address:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Name of manager in charge:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Place and date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Implementation strategy[[1]](#footnote-1):** \_\_<pls provide a short description here<\_\_\_\_\_\_\_\_\_\_\_\_\_

Please check mark the last column for each service implemented in the software and then submit the document back to the Federal statistical office for approval, at following e-mail address: andre.quan@bfs.admin.ch.
Blank means “not implemented”.

Optional services are marked in *italics*. The implementation of the other depends on the strategy adopted for the software.

Please note:

* The implementation of addStreet is optional; however, the proposed solution must mandatorily provide the municipality a way to add a new street through the API digital map developed by Swisstopo. An alternate solution to implementing that service can be to use the Web application of the FRBD, through a dedicated user.
* Once services applying to an entity are implemented, all attributes of that entity, as listed in the Federal Building and Dwelling catalog of attributes must be implemented.

| **Service** | **Action** |  |
| --- | --- | --- |
| *getConstructionSurveyDept* | *Get detailed information about a construction survey department* |  |
| *modifyConstructionSurveyDept* | *Changing the data of a construction survey department* |  |
| addConstructionProject | Adding a construction project |  |
| addWork | Adding a work |  |
| deactivateWork | Deletion of a work |  |
| addBuildingToConstructionProject | Adding a building to be built to a construction project |  |
| addDwellingToConstructionProject | Adding a dwelling to be built to a construction project |  |
| bindToConstructionProject | Tying a building to a construction project |  |
| unbindToConstructionProject | Untying a building from a construction project |  |
| addBuildingEntrance | Adding a building entrance to a building |  |
| modifyConstructionProject | Changing the data of a construction project |  |
| modifyWork | Changing the data of a work |  |
| modifyBuilding | Changing the data of a building |  |
| modifyBuildingEntrance | Changing the data of a building entrance |  |
| modifyDwelling | Changing the data of a dwelling |  |
| reallocateDwelling | Reallocation of a dwelling to another entrance of the building |  |
| deactivateConstructionProject | None: the user must take contact with the FRBD support team |  |
| deactivateBuilding | Registering a deactivation request in the mutations administration system of the FRBD. The FRBD support team executes or refuses the deactivation through the FRBD system, after analysis the context. |  |
| deactivateBuildingEntrance | Registering a deactivation request in the mutations administration system of the FRBD. The FRBD support team executes or refuses the deactivation through the FRBD system, after analysis the context. |  |
| deactivateDwelling | Registering a deactivation request in the mutations administration system of the FRBD. The FRBD support team executes or refuses the deactivation through the FRBD system, after analysis the context. |  |
| getConstructionProjects | Get a list of construction projects based on search criteria |  |
| getArchivedConstructionProject | Get a list of archived construction projects based on search criteria, especially to check for projects which cannot be found and may just have been archived in the FRBD (date of completion <= date of reference of most recent quarterly survey). Municipality may recreate those projects, producing duplicates. |  |
| getConstructionProjectById | Get detailed information about a construction project |  |
| getBuildings | Get a list of buildings based on search criteria |  |
| getBuildingById | Get detailed information about a building |  |
| getBuildingEntrance | Get a list of building entrances (addresses) based on search criteria |  |
| getBuildingEntranceById | Get detailed information about a building entrance |  |
| getDwellings | Get a list of dwellings based on search criteria |  |
| getDwelingById | Get detailed information about a dwelling |  |
| getStreet | Get a list of streets based on search criteria |  |
| getStreetById | Get detailed information about a street |  |
| setMaintenanceCosts | Changing the yearly maintenance costs of a municipality |  |
| checkQuarterlySurveyDept | Triggering quality tests on all projects and related buildings and dwellings of the construction survey departement |  |
| checkConstructionProject | Triggering quality tests on a project and related buildings and dwellings |  |
| checkBuilding | Triggering quality tests on a building and related building entrances and dwellings |  |
| closeQuarterlySurvey | Triggering the attempt to close the current quarterly survey of the construction survey department |  |
| getProgressStatusQuarterlyClosure | Get the status of the construction survey department (closure successful - 660, or not - 630) |  |
| setToApprovedConstructionProject | Set the status of the construction project to "approved" |  |
| setToRefusedConstructionProject | Set the status of the construction project to "refused" |  |
| setToCancelledConstructionProject | Set the status of the construction project to "not realized" |  |
| setToWithdrawnConstructionProject | Set the status of the construction project to "withdrawn" |  |
| setToApprovedBuilding | Set the status of the building to "approved" |  |
| setToApprovedDwelling | Set the status of the dwelling to "approved" |  |
| setToSuspendedConstructionProject | Set the status of the construction project to "suspended" |  |
| setToCancelledSuspensionConstructionProject | Set the status of the construction project back to the status it had before its suspension |  |
| setToStartConstruction | Set the status of the construction project to "in construction" |  |
| setToBuildingConstructionStarted | Set the status of the building to "in construction" |  |
| setToDwellingConstructionStarted | Set the status of the dwelling to "in construction" |  |
| setToCompletedConstructionProject | Set the status of the construction project to "completed" |  |
| setToCompletedBuilding | Set the status of the building to "existing" |  |
| setToCompletedDwelling | Set the status of the dwelling to "existing" |  |
| setToDemolishedBuilding | Set the status of the building to "demolished" |  |
| setToDemolishedDwelling | Set the status of the dwelling to "demolished" |  |
| setToNotRealizedBuilding | Set the status of the building to "not realized" |  |
| setToNotRealizedDwelling | Set the status of the dwelling to "not realized" |  |
| setToUnusableBuilding | Set the status of the building to "unusable" |  |
| setToNotUsableDwelling | Set the status of the dwelling to "unusable" |  |
| addBuilding | Adding an existing building which had been missing in the municipality inventory |  |
| addDwelling | Adding an existing dwelling which had been missing in the municipality inventory |  |
| *addStreet* | *Adding a street with its geometry sketched on a digitial map* |  |
| *addStreetName* | *Adding a street name to a street* |  |
| *addStreetSection* | *Adding a street section to a street* |  |
| *modifyStreet* | *Changing the data about a street* |  |
| *setOfficialToNo* | *Set the street to being not official* |  |
| *setOfficialToYes* | *Set the street to being official* |  |
| *modifyStreetName* | *Changing the data about a street name* |  |
| *deactivateStreet* | *Deactivating a street* |  |
| *deleteStreetName* | *Deletion of a street name* |  |
| *deleteStreetSection* | *Deletion of a street section* |  |
| getMutationById | Get detailed information about a mutation request, especially its current status |  |
| getMutation | Get a list of mutaitons based on search criteria (not implemented yet) |  |

Do not implement the rest of the eCH-0216 Web services below

|  |  |
| --- | --- |
| **Service** | **Action** |
| getDeactivatedConstructionProjects | Get a list of deactivated construction projects based on search criteria |
| getDeactivatedBuildings | Get a list of deactivated building based on search criteria |
| getDeactivatedBuildingEntrance | Get a list of deactivated building entrances based on search criteria |
| getDeactivatedDwelling | Get a list of deactivated dwellings based on search criteria |
| getDeactivatedStreet | Get a list of deactivated streets based on search criteria |
| reactivateBuilding | Reactivate a building |
| reactivateBuildingEntrance | Reactivate a building entrance |
| reactivateConstructionProject | Reactivate a construction project |
| reactivateDwelling | Reactivate a dwelling |
| reactivateStreet | Reactivate a street |

1. For example, “Only construction projects related services”, “All services implemented, except those for streets”. [↑](#footnote-ref-1)