

How to use FIX 5.0 SP2 dictionary with Extension Packs

- [Usage of dictionaries with Extension Packs in FIXEdge](#)
- [Usage of dictionaries with and without Extension Packs in FIXEdge](#)

FIX employs a process of Extension Packs to add new functionality to the FIX standard. FIX Trading Community has released more than 200 Extension Packs for the FIX 5.0 Service Pack 2 standard.

[Here](#) you can see all Extension Packs with a short description of changes and the purpose of creation.

To be on the same page with the global community we promptly add the latest published Extension Packs into FIXEdge dictionaries and notify clients about it within [release notes](#).

Usage of dictionaries with Extension Packs in FIXEdge

Please follow the instruction below to use the updated dictionaries with Extension Packs in FIXEdge configuration:

1. Files with the new FIX 5.0 dictionaries with Extension Packs are **fixdict11ep.xml** (session level) and **fixdic50sp2ep.xml** (application level). They are located in the conf folder along with other dictionaries.
2. Rename **fixdict11ep.xml** to **fixdict11.xml**, open xml file and change id from **FIXT11EP** to **FIXT11**.
3. Rename **fixdic50sp2ep.xml** to **fixdic50sp2.xml**, open xml file and change id from **FIX50SP2EP** to **FIX50SP2**.

```
34 performance of the Licensor's obligations hereunder, and will not be
35 disclosed to third parties, including contractors, without the Licensor's
36 express permission in writing.
37
38 Information regarding the software may be provided to the Licensee's outside
39 auditors and attorneys only to the extent required by their respective
40 functions.
41 --><fixdic xmlns="http://www.b3bits.com/FIXProtocol" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" date="2017-12-27" fixversion="5.0SP2" id="FIX50SP2EP" title="FIX 5.0 SP2 EP 239" >
42 <typeList>
43 <type id="int">
44 <desc>
45 <p>Sequence of digits without commas or decimals and optional sign character (ASCII
46 characters "-" and "0" - "9"). The sign character utilizes one byte (i.e. positive int is
47 "99999" while negative int is "-99999").
48 </p>
49 <p>Note that int values may contain leading zeros
50 (e.g. "00023" = "23").
51 </p>
52 </desc>
53 </type>
54 </typeList>
55 </fixdic>
```

4. Add changed files into your FIXEdge conf folder to replace the old dictionary files.
5. To create a session that will use these dictionaries, specify the Version parameter in the FIXEdge.properties file in the conf folder

```
FixLayer.FixEngine.Session.[Session_name].Version = FIXT11:FIX50SP2
```

6. Restart FIXEdge to apply changes.

Please, make sure that dictionaries are included into the DictionariesFilesList in the engine.properties file:

```
DictionariesFilesList = ... ; FIXEdge1/conf/fixdic50sp2.xml;FIXEdge1/conf/fixdict11.xml
```



Please, note that the algorithm described above can be used if you have FIX 5.0 SP2 with Extension Packs sessions and do not have FIX 5.0 SP2 without Extension Packs sessions.

Otherwise, FIX 5.0 SP2 without Extension Packs sessions will use FIX 5.0 SP2 with Extension Packs dictionary.

Usage of dictionaries with and without Extension Packs in FIXEdge

Please follow the instruction below to use both FIX 5.0 SP2 without Extension Packs and FIX 5.0 SP2 with Extension Packs dictionaries in FIXEdge configuration:

1. Add files **fixdict11ep.xml** and **fixdic50sp2ep.xml** into the conf folder.
2. In the engine.properties file add paths to dictionaries into the DictionariesFilesList parameter

```
DictionariesFilesList = ... ; FIXEdge1/conf/fixdic50sp2ep.xml;FIXEdge1/conf/fixdict11ep.xml
```

3. In the engine.properties file add the new parser into the AdditionalParsersList parameter

```
AdditionalParsersList = FIXT11EP:FIX50SP2EP
```

4. To create a session that will use these dictionaries, specify the Version parameter in the FIXEdge.properties file in the conf folder

```
FixLayer.FixEngine.Session.[Session_name].Version = FIXT11EP:FIX50SP2EP
```

5. Restart FIXEdge to apply changes.