

# How to configure Micex MDApplication for April templates.

## 1. Supported versions.

Support of MOEX ASTS April templates (<http://ftp.moex.com/pub/FAST/ASTS/template/Archive/FIX50SP2-2015-Apr.xml>) was introduced in FIX Antenna C++/.NET 2.13.0. The older versions of FIX Antenna C++/.NET do not support April templates.

## 2. Description.

The April templates define **FIX** messages based on extension of FIX50SP2 protocol that is incompatible with standard FIX50SP2 protocol.

In terms of FIX Antenna it means that Micex MDApplication in FIX Antenna C++/.NET 2.13.0 requires separated custom FIX protocol named FIX50SP2MICEX\_ASTS instead of FIX50SP2 in older versions to support April templates. To reduce the number of configuration parameters the older version of MOEX ASTS templates (<http://ftp.moex.com/pub/FAST/ASTS/template/Archive/FIX50SP2-2014-06-02.xml>) is also supported in FIX Antenna C++/.NET 2.13.0 using FIX50SP2MICEX\_ASTS protocol.

| Object of changes  | FIX Antenna C++/.NET 2.12.x   | FIX Antenna C++/.NET 2.13.0, old templates  | FIX Antenna C++/.NET 2.13.0 april templates  |
|--|---|---|--|
| FAST template  | FIX50SP2-ALL.xml  | FIX50SP2-ALL.xml  | 2015-Apr/FIX50SP2-ALL.xml  |
| FIX protocol used by MDApplication                           | extended FIX50SP2 / FIXT11  | custom FIX50SP2MICEX_ASTS / FIXT11  | custom FIX50SP2MICEX_ASTS / FIXT11   |
| FIX protocol file set  | <b>fixdic50sp2.xml</b> - standard FIX50SP2 protocol<br><b>fixdict11.xml</b> - standard FIXT11 protocol<br><b>additional.xml</b> - extends FIX50SP2 protocol | <b>fixdic50sp2.xml</b> - standard FIX50SP2 protocol<br><b>fixdict11.xml</b> - standard FIXT11 protocol<br><b>additional.xml</b> - extends FIX50SP2 protocol as FIX50SP2MICEX_ASTS | <b>fixdic50sp2_micex_asts.xml</b> - custom FIX50SP2MICEX_ASTS protocol<br><b>fixdict11.xml</b> - standard FIXT11 protocol<br><b>additional.xml</b> - extends FIX50SP2MICEX_ASTS protocol |
| property in file engine. properties: DictionariesFilesList = | ../../../../data/fixdic50sp2.xml;../../../../data/fixdict11.xml;additional.xml  | ../../../../data/fixdic50sp2.xml;../../../../data/fixdict11.xml;additional.xml  | ../../../../dic/fixdic50sp2_micex_asts.xml;../../../../dic/fixdict11.xml;additional.xml  |

## 3. To configure MICEX\_MdScanner or MICEX\_QuickStart sample of FIX Antenna C++/.NET 2.13.0 for April templates:

1. copy files from bin\2015-Apr\\*. \* to bin\

## 4. To configure custom application based on FIX Antenna C++/.NET 2.12.0 for April templates.

1. Update FIX Antenna C++/.NET binary files to 2.13.0
2. Update license file
3. Update FAST template file FIX50SP2-ALL.xml to April version
4. Add bin\2015-Apr\fixdic50sp2\_micex\_asts.xml from MICEX\_QuickStart sample to the property DictionariesFilesList in file engine.properties
5. Add bin\2015-Apr\additional.xml from MICEX\_QuickStart sample to the property DictionariesFilesList in file engine.properties
6. Make sure that standard fixdict11.xml is also included to DictionariesFilesList

## 5. To configure custom application based on FIX Antenna C++/.NET 2.12.0 for old templates after it is upgraded to 2.13.

1. Revert FAST template file FIX50SP2-ALL.xml to old version
2. Replace bin\2015-Apr\fixdic50sp2\_micex\_asts.xml with standard fixdic50sp2.xml in the property DictionariesFilesList in file engine.properties
3. Replace bin\2015-Apr\additional.xml with bin\additional.xml from MICEX\_QuickStart sample in the property DictionariesFilesList in file engine.properties