

TYPO3 time zone set to: Europe/Vienna (UTC+2 currently)

Input	v7			v8			
	DB content	FE hidden field	Note	DB content	FE hidden field (after manual input)	FE hidden field (after form load)	Note
2017-06-07 00:10:20							
Time Eval	620	620	Value is seconds	1496693420	00:10:20	1496693420	WRONG value in DB; DB content different to v7; FE field content different before/after load
Date Eval	1496786400	1496793600	DB content in UTC -2h	1496786400	2017-06-07T00:00:00Z	2017-06-07T00:00:00+00:00	FE field interprets input as UTC -> wrong
Date Time Eval	1496787000	1496794200	DB content in UTC -2h	1496787000	2017-06-07T00:10:00Z	2017-06-07T00:10:00+00:00	FE field interprets input as UTC -> wrong
Date Native	2017-06-07	1496793600		2017-06-07	2017-06-07T00:00:00Z	2017-06-07T02:00:00+02:00	FE field interprets input as UTC -> wrong; after load value is in local TZ
Date Time Native	2017-06-07 00:10:00	1496794200		2017-06-07 00:10:00	2017-06-07T00:10:00Z	2017-06-07T02:10:00+02:00	FE field interprets input as UTC -> wrong; after load value is in local TZ
1960-06-07 13:14:15							
Time Eval	47655	47655	Value is seconds	1496740455	13:14:15	1496740455	WRONG value in DB; DB content different to v7; FE field content different before/after load
Date Eval	-301971600	-301968000	DB content -1h	-301971600	1960-06-07T00:00:00Z	1960-06-07T00:00:00+00:00	FE field interprets input as UTC -> wrong
Date Time Eval	-301923960	-301920360	DB content -1h	-301923960	1960-06-07T13:14:00Z	1960-06-07T13:14:00+00:00	FE field interprets input as UTC -> wrong
Date Native	1960-06-07	-301968000	DB content is local time	1960-06-07	1960-06-07T00:00:00Z	1960-06-07T01:00:00+01:00	FE field interprets input as UTC -> wrong; after load value is in local TZ
Date Time Native	1960-06-07 13:14:00	-301920360	DB content is local time	1960-06-07 13:14:00	1960-06-07T13:14:00Z	1960-06-07T14:14:00+01:00	FE field interprets input as UTC -> wrong; after load value is in local TZ

Timestamp equivalences in UTC:

1496786400	2017-06-06 22:00:00
1496787000	2017-06-06 22:10:00
1496793600	2017-06-07 00:00:00
1496794200	2017-06-07 00:10:00
-301971600	1960-06-06 23:00:00
-301923960	1960-06-07 12:14:00
-301968000	1960-06-07 00:00:00
-301920360	1960-06-07 13:14:00
1496693420	2017-06-05 20:10:20
1496740455	2017-06-06 09:14:15