

Loop plugin settings for BCDiabetes Nightscout

First follow the instructions in [this article](#) on basic BCDiabetes Nightscout configuration. It is vital, for instance, that your Dexcom username and password contain only alphanumeric characters...

Once you have done the above continue with Settings setting up the desired configuration: those below are recommended by our Loop experts for starters.

The screenshot displays the 'Plugin Settings' page in Nightscout. The page has a blue header with the title 'Plugin Settings' and the instruction 'Select plugins below to enable'. The settings are organized into several sections:

- Treatment Profile: `profile`** (checked):
 - PROFILE_HISTORY**: dropdown menu set to 'off'. Description: 'Enable/disable NS ability to keep history of your profiles (still experimental).'
 - PROFILE_MULTIPLE**: dropdown menu set to 'off'. Description: 'Enable/disable NS ability to handle and switch between multiple treatment profiles'
- Careportal: `careportal`** (checked)
- Uploader Battery: `upbat`** (unchecked)
- Device Status: `devicestatus`** (checked)
- Treatment Notifications: `treatmentnotify`** (checked):
 - TREATMENTNOTIFY_SNOOZE_MINS**: input field set to '10'. Description: 'Sets treatment notifications snooze time.'
- Basal Profile: `basal`** (checked):
 - BASAL_RENDER**: dropdown menu set to 'default'. Description: 'Possible values are 'none', 'default', or 'icicle' (inverted)'
- AR2 Forecasting: `ar2`** (unchecked)
- Bolus Wizard: `boluscalc`** (unchecked)
- Custom Foods: `food`** (unchecked)
- Raw BG: `rawbg`** (checked):
 - DISPLAY**: dropdown menu set to 'unsmoothed'. Description: 'Selects algorithm to calculate raw BG values using the most recent calibration record.'
- Insulin-on-Board: `iob`** (checked)
- Carbs-on-Board: `cob`** (checked)
- Bolus Wizard Preview: `bwp`** (unchecked)

Cannula Age: **cage** ⓘ

CAGE_ENABLE_ALERTS

false

Set to true to enable notifications to remind you of upcoming cannula change.

CAGE_INFO

44

If time since last Site Change matches CAGE_INFO, user will be warned of upcoming cannula change.

CAGE_WARN

48

If time since last Site Change matches CAGE_WARN, user will be alarmed to to change the cannula.

CAGE_URGENT

72

If time since last Site Change matches CAGE_URGENT, user will be issued a persistent warning of overdue change.

CAGE_DISPLAY

hours

Possible values are 'hours' or 'days'. If 'days' is selected, and age of cannula is greater than 24h

Sensor Age: **sage** ⓘ

SAGE_ENABLE_ALERTS

false

Set to true to enable notifications to remind you of upcoming sensor change.

SAGE_INFO

144

If time since last sensor event matches SAGE_INFO, user will be warned of upcoming sensor change.

SAGE_WARN

164

If time since last sensor event matches SAGE_WARN, user will be alarmed to to change/restart the sensor.

SAGE_URGENT

166

If time since last sensor event matches SAGE_URGENT, user will be issued a persistent warning of overdue change.

Insulin Age: **iage** ⓘ

Battery Age: **bage** ⓘ

Dexcom Share2Nightscout bridge: **bridge** ⓘ

BRIDGE_SERVER

EU

The default blank value is used to fetch data from Dexcom servers in the US. Set to (EU) to fetch from servers outside of US instead.

BRIDGE_USER_NAME

Dexcomisername

Your username for the Share service.

BRIDGE_PASSWORD

Dexcompassword

Your password for the Share service.

BRIDGE_INTERVAL

150000

The time (in milliseconds) to wait between each update. Default is 150000 = 2.5 minutes

BRIDGE_MAX_COUNT

1

The number of records to attempt to fetch per update.

BRIDGE_FIRST_FETCH_COUNT

3

Changes max count during the very first update only.

BRIDGE_MAX_FAILURES

3

How many failures before giving up.

BRIDGE_MINUTES

1400

The time window to search for new data per update (the default value is one day in minutes).

MiniMed Connect bridge: **mmconnect** ⓘ

Pump Monitoring: **pump** ⓘ

PUMP_ENABLE_ALERTS

false

Set to true to enable notifications for Pump battery and reservoir.

PUMP_WARN_ON_SUSPEND

false

Set to true to get an alarm when the pump is suspended.

PUMP_FIELDS

x reservoir x battery

The fields to display by default. Any of the following fields: reservoir, battery, clock, status, and device

PUMP_RETRO_FIELDS

x reservoir x battery x clock

The fields to display in retro mode. Any of the above fields.

PUMP_WARN_CLOCK

30

Time in minutes before an alert is triggered.

PUMP_URGENT_CLOCK

60

Time in minutes before an urgent alarm is triggered.

PUMP_URGENT_BATT_V

1.3

Voltage (if percent isn't available) of the pump battery below which an urgent alarm will be triggered.

OpenAPS: **openaps**?

Loop: **loop**?

LOOP_ENABLE_ALERTS

true

Set to true to enable notifications when Loop isn't looping.

LOOP_WARN

30

The number of minutes since the last loop that needs to be exceeded before an alert is triggered.

LOOP_URGENT

60

The number of minutes since the last loop that needs to be exceeded before an urgent alarm is triggered.

LOOP_APNS_KEY

Apple Push Notifications service (APNs) Key, created in the Apple Developer website.

LOOP_APNS_KEY_ID

The Key ID for the above key.

LOOP_DEVELOPER_TEAM_ID

Your Apple developer team ID.

LOOP_PUSH_SERVER_ENVIRONMENT

(optional) Set this to production if you are using a provisioning profile that specifies production aps-environment, such as when distributing builds via TestFlight.

Override Mode: **override**?

xDrip-js: **xdripjs**?

Amazon Alexa: **alexa**?

Google Home/DialogFlow: **googlehome**?

Speech: **speech**?

Database Size: **dbsize**?

Pushover: **pushover**?

IFTTT Maker: **maker**?

Apply Changes and Restart

then **Apply Changes and Restart** Short URL = <http://bit.ly/3kW3sdZ>

