SNTP

	# Enclude (String h)
	# include (time h)
	#tindude (sys/timen)
	#include < freentas / Free RT as. h>
	#include (freertas/task.h)
	minclude (esp-system.n)
	#include (esp_event.h)
	#include (esp-log.h)
	#include (espattr.h)
	#include (esp-sleep.h)
	#include (nuc_blash.h)
	#include (esp_ontpin)
	#include "protocol_ examples = common - h \$"
	Production of the control of the con
-	the sac sink product by
	Static const char * TAC = "example";
	RTC-DATA_ATTR static int boot-count = 0.
	HIOGHE GOHTEM SAVE SHIT STREET HOP SMOOTH
	static void obtain time (void);
	Static void enitialize-sntp (void).
17	The second of th
	# ifdet CONFIG SNTP SYNC METHOD CUSTOM
	void sontp synchime Cotruct : time val * tv) &
41	ESPIRED (TAKE "TO DE LA COLOR
	ESP-LOGIT CTACT, "Time is synchronized from custom code"),
	3 CONTRACTOR COMPLETED);
	A TABLE IN THE PROPERTY OF THE



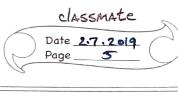
void time sync notification cb (struct timeval *tv) & ESP_LOGI CTAG, "notification of a time synchronization" £ void app-main () { tt boot count: ESPLOGI (TAG, Boot count: Y.d.", boot count). time + now; carruct to time info; time (& now). local time - r (2 now, & time info); if (time into tm_year ((2016 - 1900)) & ESP_LOGIC TAG, 4time is not sot get, connecting to WiFi and getting time over NTP"); obtain time (), time (2 now). # ifdet CONFIG_SNTP_TIME_SYNC_METHOP_SMOOTH else of ESP_LOGI (TAG, "add a error for test adjtime"); struct timeval tunow: gettime of day (etvinous, NULL); inter to opu time = (inter +) tr now tree

error-time / 1000 000L tv_usec =

error time & 1000 000 L 3.

	set time of day (&tv error, NULL);
	4
	ESP-LOGI (TAG, "time was set, now just adjusting it.
	obtain_time();
	time (&now);
	. 3
	# endif
-	char striptime by [64];
	setem ("TZ", "ESTSEDT, M3.2.0/2, MII.1.0", 1);
	teset ();
	local time r (b now, & time into); atime into);
	stritime Cstritime but, size of (stritime: but), "ye",
-	ESP LOGICTAGE, "the current date / time in new yorkis: xs"
	striftime_buf);
	ætenv ("Tz", "csT-8", 1),
	tzset ();
	localtime_r (& now, & time info);
	stritime (stritime but, size of Cotritime but), "kc", stimeing
	ESP. LOGICTAGE, "the current date (time in shanghai is: xs"
	stritime-buf),
	cf(shtp_get sync mode() == SNTP_SYNC_MODE_SMOOTH)
	struct timeval outdelta;
	while Cantp-get-sync-status () == SNTP-GYNC-STATUS-A
×	aditime (NULL, &outdelta);
	ESP LOGI (TAG; "waiting for adjusting time
	outdetta = Y.li sec: Xlims: Xli vs",
×	outdelta tracec, outdelta tv-usec/1000,
	outdelta, trusec x. 1000);

VTask Deby (2000 / portTICK-PERIOD-MS).
3
Company of the second of the s
Const int deep-sleep-sec = 10;
ESP_ LOGI CTAG, "Entering deep sleep for rd seconds"
deep-sleep-sec);
esp-deep-skep (1000000LL * deep-sleep-sec);
The property of the second
et a sura et a surat tale esta
Static void obtain time (void) &
ESP ERROR CHECK (nive (both inif()),
topip =adapter init () and continue to me 1 and
ESP ERROR: CHECK (esp. ovent loop create défault ());
ESP_ERROR. CHECK (example-connect());
initialize_sntp();
time t now = 0; to was I was to
struct time info = 203.
interreting = 0;
avhile Csync_get_sync_status () == SNTP_SYNC_STATUS_R
88 ++ retry (retry Count) &
ESP-LOGIC TAG; "waiting for system time to be set
(xd/xd)", retry, retry count);
VTOCK Delay (2000 / part TICK PERIOD MS)
3 time (a now),
localtime_r (& now, & time into);
ESP ERROR CHECK (example disconnect ()),



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alatic V	oid initialize-sntp (void) &
STOTIC	tool (TAG, "initializing SNTP");
ESP_6	FOOT C /AU, CHITTIAU ZING SITU /
sntp.	set operating mode (SNTP_OPMODE_POLL);
ente	setervername (o, "pool ntp. org")
	set time sync - notification cb (time sync notification
#ibdef	CONFIG. SNTP. TIME SYNC. METHOD. SMOOTH
ante	- set sync mode CENTP SYNC - MODE SMOUTH);
	OI - OF THE PROPERTY OF THE PR
	OCI POLITICAL PROPERTY OF THE
4 endif	
# endif	p_init();
4 endif	
# endif	p_init();