



Manufacturer: Crestron
Model: TS/TSW/WebXpanel/iPad
Device Type: TouchPanel

CONTACT SUPPORT

Table with 2 columns: Field Name and Value. Fields include Company Name, Support Contact, Email Address, Phone, Address, Crestron Hardware Required, Setup Of Crestron Hardware, Vendor Firmware, and Vendor Setup.

GENERAL INFORMATION

Table with 2 columns: Field Name and Value. Fields include Simplewindows Name, Category, Version, Summary, and General Notes.



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INSTALLATION GUIDE (Crestron One & Crestron TS)

[1] Unpack Template Files Unzip your template files in any place you like.

The file structure will be:

- build(folder)
- dist(folder)
- package.json

The dist folder contains working ch5 template ready to be uploaded to processor.

INSTALLATION GUIDE (Webxpanel)

[1] Prepare environment To make the working ch5 template archive file and ability to run web server please install YARN. Please follow instructions : [Yarn](#)

[2] Unpack Template Files Unzip your template files in any place you like. The file structure will be:

- build(folder)
- dist(folder)
- package.json

The build folder contains template working files that can be run on any web server you like and successfully connected to the Crestron processor with correct config that contains actual connection data.

The dist folder contains working ch5 template ready to be uploaded to processor. If Webxpanel needed follow steps below.



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INSTALLATION GUIDE (Webxpanel)

[3] Edit config Edit config.js file and fill at least actual host and lpld values. Path to config.js file is:

```
build/config/config.js

window.appConfig = {
  webxpanel: {
    host: '111.111.111.111',
    lpld: 'f5',
    roomId: '0'
  }
}
```

[4] Install node packages Open terminal at unpacked template folder and run:

```
in terminal:
yarn
```

Wait for installation process finish.

[5] Run web server (optional) Now you can launch web server with working template in your browser with command yarn serve in terminal window opened at template folder:

```
in terminal:
yarn serve
```

[6] Build CH5 archive In order to make a ch5 template archive please use command yarn archive in terminal window opened at template folder. Final ch5 archive file now available at folder dist

```
in terminal:
yarn archive
```



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Controls Legend

All Signal Names are represented in the template's corresponding **CH5 Contract File**.

- **D** - Digital Signal
- **A** - Analog Signal
- **S** - Serial Signal
- **Publish/Pulse** - Send Event Signal Type
- **Feedback** - Receive State Signal Type
- **Visibility and Enabled digital feedbacks are implemented in GUI only in PRO version**

ACTIVITIES CONTROL

Signal name	Signal Type	Behavior	Description
Activities.Visible_<id>	D	FEEDBACK	Visibility toggle state
Activities.Enable_<id>	D	FEEDBACK	Enable/Disable toggle state
Activities.CurrentActivity_fb	A	FEEDBACK	Get current activity index number
Activities.CurrentActivity	A	PUBLISH	Push current activity index number
Activities.ActivityControlPage_<id>	S	FEEDBACK	Activity control page, multiple page layout with different functionality can be used (optional, custom feature on demand)
Activities.Activity_name_<id>	S	FEEDBACK	Activity button text label
Activities.Activity_Description_<id>	S	FEEDBACK	Activity button text description



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VOLUME CONTROL

Signal name	Signal Type	Behavior	Description
VolumeControl[<id>].Visible	D	FEEDBACK	Visibility toggle state
VolumeControl[<id>].Enable	D	FEEDBACK	Enable/Disable toggle state
VolumeControl[<id>].Up	D	PULSE	Increase volume value
VolumeControl[<id>].Down	D	PULSE	Decrease volume value
VolumeControl[<id>].Mute	D	PUBLISH	Toggle mute state
VolumeControl[<id>].Mute_fb	D	FEEDBACK	Get mute feedback state value
VolumeControl[<id>].Name	S	FEEDBACK	Get text label
VolumeControl[<id>].Volume	A	PUBLISH	Publish volume value onChange
VolumeControl[<id>].Volume_fb	A	FEEDBACK	Get current volume value

MAIN VOLUME CONTROL

Signal name	Signal Type	Behavior	Description
VolumeControlMain.Speaker_Up	D	PULSE	Increase speaker volume
VolumeControlMain.Speaker_Down	D	PULSE	Decrease speaker volume
VolumeControlMain.Speaker_Mute	D	PUBLISH	Toggle speaker mute state
VolumeControlMain.Speaker_Mute_fb	D	FEEDBACK	Get speaker mute feedback state value
VolumeControlMain.Mic_Mute	D	PUBLISH	Toggle Mic mute state
VolumeControlMain.Mic_Mute_fb	D	FEEDBACK	Get Mic mute feedback state value



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MAIN VOLUME CONTROL

Signal name	Signal Type	Behavior	Description
VolumeControlMain.Volume	A	PUBLISH	Publish global volume value onChange
VolumeControlMain.Volume_fb	A	FEEDBACK	Get current global volume value

VTC CONTENT CONTROL

Signal name	Signal Type	Behavior	Description
VTC_Content.Visible_<id>	D	FEEDBACK	Visibility toggle state
VTC_Content.Enable_<id>	D	FEEDBACK	Enable/Disable toggle state
VTC_Content.VTCSourceName_<id>	S	FEEDBACK	Get text label
VTC_Content.VTCSourceVideoValue_<id>	A	FEEDBACK	VTC Source video value
VTC_Content.VTCSourceAudioValue_<id>	A	FEEDBACK	VTC Source audio value
VTC_Content.VTCStreamLocation_<id>	S	FEEDBACK	VTC Source stream location value
VTC_Content.VTCSourceVideoValue_VTC	A	PUBLISH	Push target VTC video value
VTC_Content.VTCSourceVideoValue_VTC_F	A	FEEDBACK	Get current VTC video value
VTC_Content.VTCSourceAudioValue_VTC	A	PUBLISH	Push target VTC audio value
VTC_Content.StreamLocation_VTC	S	PUBLISH	Push target VTC stream location value
VTC_Content.StreamLocation_VTC_F	S	FEEDBACK	Get current VTC stream location value
VTC_Content.VTCSourceIcon_<id>	S	FEEDBACK	Get icon name



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SOURCES CONTROL

Signal name	Signal Type	Behavior	Description
Sources.Visible_<id>	D	FEEDBACK	Visibility toggle state
Sources.Enable_<id>	D	FEEDBACK	Enable/Disable toggle state
Sources.SourceName_<id>	S	FEEDBACK	Get text label
Sources.StreamLocation_<id>	S	FEEDBACK	Get Source stream location value
Sources.SourceVideoValue_<id>	A	FEEDBACK	Get Source video value
Sources.SourceAudioValue_<id>	A	FEEDBACK	Get Source audio value
Sources.SourceIcon_<id>	S	FEEDBACK	Get icon name

OUTPUTS CONTROL

Signal name	Signal Type	Behavior	Description
Outputs.Visible_<id>	D	FEEDBACK	Visibility toggle state
Outputs.Enable_<id>	D	FEEDBACK	Enable/Disable toggle state
Outputs.DestinationName_<id>	S	FEEDBACK	Get text label
Outputs.VideoOut_<id>	A	PUBLISH	Push video value to Output
Outputs.VideoOut_<id>_F	A	FEEDBACK	Get Output current video value
Outputs.AudioOut_01	A	PUBLISH	Push audio value to Output
Outputs.StreamLocation_<id>	S	PUBLISH	Push stream location value to Output



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OUTPUTS CONTROL

Signal name	Signal Type	Behavior	Description
Outputs.StreamLocation_<id>_F	S	FEEDBACK	Get Output current stream location value

DISPLAY CONTROL

Signal name	Signal Type	Behavior	Description
Display_Control[<id>].Name	S	FEEDBACK	Get text label
Display_Control[<id>].Enable	D	PUBLISH	Enabled state
Display_Control[<id>].Visible	D	FEEDBACK	Visibility state
Display_Control[<id>].Power_State	A	PUBLISH	Event: 1-Power On, 2-Power Off
Display_Control[<id>].Power_State_fb	A	FEEDBACK	State: 1-Power is On, 2- Power is off, 3-Powering up, 4-Powering down

MAIN CAMERA CONTROL

Signal name	Signal Type	Behavior	Description
CameraMainControl.Up	D	PULSE	Press to tilt up
CameraMainControl.Down	D	PULSE	Press to tilt down
CameraMainControl.Left	D	PULSE	Press to pan left
CameraMainControl.Right	D	PULSE	Press to pan right
CameraMainControl.Center	D	PUBLISH	Reset camera position



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MAIN CAMERA CONTROL

Signal name	Signal Type	Behavior	Description
CameraMainControl.ZoomIn	D	PULSE	Press to zoom in
CameraMainControl.ZoomOut	D	PULSE	Press to zoom out

CAMERA PRESETS CONTROL

Signal name	Signal Type	Behavior	Description
CameraPresets.Visible_<id>	D	FEEDBACK	Visibility toggle state
CameraPresets.Enable_<id>	D	FEEDBACK	Enable/Disable toggle state
CameraPresets.PresetName_<id>	S	FEEDBACK	Get text label
CameraPresets.PresetSelect	A	PUBLISH	Select preset by index
CameraPresets.PresetSelected	A	FEEDBACK	Get current selected preset index
CameraPresets.PresetSave	D	PUBLISH	Trigger save preset
CameraPresets.PresetSaved	D	FEEDBACK	Get callback when preset saved

CAMERA SELECTION CONTROL

Signal name	Signal Type	Behavior	Description
CameraSelection.Visible_<id>	D	FEEDBACK	Visibility toggle state
CameraSelection.Enable_<id>	D	FEEDBACK	Enable/Disable toggle state
CameraSelection.CameraName_<id>	S	FEEDBACK	Get text label
CameraSelection.CameraSelect	A	PUBLISH	Select camera by index



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CAMERA SELECTION CONTROL

Signal name	Signal Type	Behavior	Description
CameraSelection.CameraSelected	A	FEEDBACK	Get current selected camera index

DATE & TIME CONTROL

Signal name	Signal Type	Behavior	Description
Date_Time.Time_24_Hour_format	D	FEEDBACK	24h time format toggle state
Date_Time.WorldClock_TimeZone_<id>	S	FEEDBACK	String with time zone name, refer to this list of timezones:
Date_Time.Locale	S	FEEDBACK	String with name of preferred locale, refer to this list of locales
Date_Time.WorldClock_TimeZone_Name_<id>	S	FEEDBACK	Get Time zone text label

DIALER CALL CONTROL

Signal name	Signal Type	Behavior	Description
DialerCallControl.Key_<id>	D	PUBLISH	Press to add number (0-9) to dial pad
DialerCallControl.Key_Star	D	PUBLISH	Press to add "*" to dial pad
DialerCallControl.Key_Pound	D	PUBLISH	Press to add "#" to dial pad
DialerCallControl.Key_Clear	D	PUBLISH	Press to add "" to dial pad
DialerCallControl.Key_Backspace	D	PULSE	Press to remove last char in dial pad



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DIALER CALL CONTROL

Signal name	Signal Type	Behavior	Description
DialerCallControl.AlphaNumeric_Entry_Dial	D	PUBLISH	Press to start call
DialerCallControl.AlphaNumeric_Entry_Text	S	PUBLISH	Pass value to make call with
DialerCallControl.Keypad_Text	S	FEEDBACK	Dial pad current value
DialerCallControl.Last_Number_Dialed_Text	S	FEEDBACK	Last dialed number value
DialerCallControl.Answer	D	PUBLISH	Press to answer
DialerCallControl.Redial	D	PUBLISH	Press to redial
DialerCallControl.End	D	PUBLISH	Press to end call
DialerCallControl.Resume	D	PUBLISH	Press to resume call
DialerCallControl.Hold	D	PUBLISH	Press to hold call
DialerCallControl.Call_State	A	FEEDBACK	Get current call state index
DialerCallControl.Call_State_Text	S	FEEDBACK	Get current call state text
DialerCallControl.Call_Prompt_Text	S	FEEDBACK	Get current call prompt index
DialerCallControl.Call_CID_Name_Text	S	FEEDBACK	Get incoming CID name
DialerCallControl.Call_CID_Num_Text	S	FEEDBACK	Get incoming CID number

DIALER DIRECTORY CONTROL

Signal name	Signal Type	Behavior	Description
DialerDirectory.Directory_Name_<id>_Text	S	FEEDBACK	Get dialer directory item name
DialerDirectory.Directory_Number_<id>_Text	S	FEEDBACK	Get dialer directory item number
DialerDirectory.Directory_Select_Item_<id>	D	PUBLISH	Trigger to select dialer directory item



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DIALER DIRECTORY CONTROL

Signal name	Signal Type	Behavior	Description
DialerDirectory.Save_Directory_Entry	D	PUBLISH	Press to save dialer directory entry
DialerDirectory.Select_Directory_Save_Location	A	PUBLISH	Pass dialer directory target index
DialerDirectory.Directory_Save_Name_Text	S	PUBLISH	Pass new dialer directory name value
DialerDirectory.Directory_Save_Num_Text	S	PUBLISH	Pass new dialer directory number value

HELP PAGE CONTROL

Signal name	Signal Type	Behavior	Description
Help_Page.Help_Page_Text	S	FEEDBACK	Text value of help page
Help_Page.Help_Page_Contact_Info	S	FEEDBACK	Contact info on help page (phone number)
Help_Page.Help_Contact_Info_Button_pressed	D	PUBLISH	Press to make auto call with given contact number
Help_Page.Visible_Contact_Info_Button	D	FEEDBACK	Visibility toggle state of contact info button

POWER CONTROL

Signal name	Signal Type	Behavior	Description
-------------	-------------	----------	-------------



Manufacturer: Crestron
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PowerControlMain.Enable	D	FEEDBACK	Enable state of button
PowerControlMain.Visible	D	FEEDBACK	Visibility state of button
PowerControlMain.System_Power_Timer 1	A	FEEDBACK	Time in second to auto power off
PowerControlMain.Power_State_fb	A	FEEDBACK	State: 1-Power is On, 2- Power is off, 3-Powering up, 4-Powering down
PowerControlMain.Power_State	A	PUBLISH	Event: 1-Power On, 2-Power Off

TESTING

Ops used for testing	CP3 CP4
Simpl windows used for testing	SIMPL Windows: 4.20 (build: 4.2000.00)
Device db used for testing	Device Database: 200.175 (build: 200.17500.001.00)
Crestron db used for testing	Crestron Database (cnctrldb22000.mdb) : 211.05 (build: 211.0500.001.00)
Symbol library used for testing	Symlib2.Tio 1164 04/07/2022 11:39:36AM
Sample program	Demo AVgator HTML5 GUI CP4 v1.01.smw
Revision history	V1.01

DATA ASSETS

Icon Name	Material Icon: https://mui.com/material-ui/material-icons/
Time Zones	Europe/Andorra', 'Asia/Dubai', 'Asia/Kabul', 'Europe/Tirane',



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DATA ASSETS

'Asia/Yerevan', 'Antarctica/Casey', 'Antarctica/Davis', 'Antarctica/DumontDUrville', 'Antarctica/Mawson', 'Antarctica/Palmer', 'Antarctica/Rothera', 'Antarctica/Syowa', 'Antarctica/Troll', 'Antarctica/Vostok', 'America/Argentina/Buenos_Aires', 'America/Argentina/Cordoba', 'America/Argentina/Salta', 'America/Argentina/Jujuy', 'America/Argentina/Tucuman', 'America/Argentina/Catamarca', 'America/Argentina/La_Rioja', 'America/Argentina/San_Juan', 'America/Argentina/Mendoza', 'America/Argentina/San_Luis', 'America/Argentina/Rio_Gallegos', 'America/Argentina/Ushuaia', 'Pacific/Pago_Pago', 'Europe/Vienna', 'Australia/Lord_Howe', 'Antarctica/Macquarie', 'Australia/Hobart', 'Australia/Currie', 'Australia/Melbourne', 'Australia/Sydney', 'Australia/Broken_Hill', 'Australia/Brisbane', 'Australia/Lindeman', 'Australia/Adelaide', 'Australia/Darwin', 'Australia/Perth', 'Australia/Eucla', 'Asia/Baku', 'America/Barbados', 'Asia/Dhaka', 'Europe/Brussels', 'Europe/Sofia', 'Atlantic/Bermuda', 'Asia/Brunei', 'America/La_Paz', 'America/Noronha', 'America/Belem', 'America/Fortaleza', 'America/Recife', 'America/Araguaina', 'America/Maceio', 'America/Bahia', 'America/Sao_Paulo', 'America/Campo_Grande', 'America/Cuiaba', 'America/Santarem', 'America/Porto_Velho', 'America/Boa_Vista', 'America/Manaus', 'America/Eirunepe', 'America/Rio_Branco', 'America/Nassau', 'Asia/Thimphu', 'Europe/Minsk', 'America/Belize', 'America/St_Johns', 'America/Halifax', 'America/Glace_Bay', 'America/Moncton', 'America/Goose_Bay', 'America/Blanc-Sablon', 'America/Toronto', 'America/Nipigon', 'America/Thunder_Bay', 'America/Iqaluit', 'America/Pangnirtung', 'America/Atikokan', 'America/Winnipeg', 'America/Rainy_River', 'America/Resolute', 'America/Rankin_Inlet', 'America/Regina', 'America/Swift_Current', 'America/Edmonton', 'America/Cambridge_Bay', 'America/Yellowknife', 'America/Inuvik', 'America/Creston', 'America/Dawson_Creek', 'America/Fort_Nelson', 'America/Vancouver', 'America/Whitehorse', 'America/Dawson', 'Indian/Cocos', 'Europe/Zurich', 'Africa/Abidjan', 'Pacific/Rarotonga'



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DATA ASSETS

'America/Santiago', 'America/Punta_Arenas', 'Pacific/Easter',
'Asia/Shanghai', 'Asia/Urumqi', 'America/Bogota',
'America/Costa_Rica', 'America/Havana', 'Atlantic/Cape_Verde',
'America/Curacao', 'Indian/Christmas', 'Asia/Nicosia', 'Asia/Famagusta',
'Europe/Prague', 'Europe/Berlin', 'Europe/Copenhagen',
'America/Santo_Domingo', 'Africa/Algiers', 'America/Guayaquil',
'Pacific/Galapagos', 'Europe/Tallinn', 'Africa/Cairo', 'Africa/El_Aaiun',
'Europe/Madrid', 'Africa/Ceuta', 'Atlantic/Canary', 'Europe/Helsinki',
'Pacific/Fiji', 'Atlantic/Stanley', 'Pacific/Chuuk', 'Pacific/Pohnpei',
'Pacific/Kosrae', 'Atlantic/Faroe', 'Europe/Paris', 'Europe/London',
'Asia/Tbilisi', 'America/Cayenne', 'Africa/Accra', 'Europe/Gibraltar',
'America/Godthab', 'America/Danmarkshavn', 'America/Scoresbysund',
'America/Thule', 'Europe/Athens', 'Atlantic/South_Georgia',
'America/Guatemala', 'Pacific/Guam', 'Africa/Bissau', 'America/Guyana',
'Asia/Hong_Kong', 'America/Tegucigalpa', 'America/Port-au-Prince',
'Europe/Budapest', 'Asia/Jakarta', 'Asia/Pontianak', 'Asia/Makassar',
'Asia/Jayapura', 'Europe/Dublin', 'Asia/Jerusalem', 'Asia/Kolkata',
'Indian/Chagos', 'Asia/Baghdad', 'Asia/Tehran', 'Atlantic/Reykjavik',
'Europe/Rome', 'America/Jamaica', 'Asia/Amman', 'Asia/Tokyo',
'Africa/Nairobi', 'Asia/Bishkek', 'Pacific/Tarawa', 'Pacific/Enderbury',
'Pacific/Kiritimati', 'Asia/Pyongyang', 'Asia/Seoul', 'Asia/Almaty',
'Asia/Qyzylorda', 'Asia/Qostanay', 'Asia/Aqtobe', 'Asia/Aqtau',
'Asia/Atyrau', 'Asia/Oral', 'Asia/Beirut', 'Asia/Colombo',
'Africa/Monrovia', 'Europe/Vilnius', 'Europe/Luxembourg', 'Europe/Riga',
'Africa/Tripoli', 'Africa/Casablanca', 'Europe/Monaco', 'Europe/Chisinau',
'Pacific/Majuro', 'Pacific/Kwajalein', 'Asia/Yangon', 'Asia/Ulaanbaatar',
'Asia/Hovd', 'Asia/Choibalsan', 'Asia/Macau', 'America/Martinique',
'Europe/Malta', 'Indian/Mauritius', 'Indian/Maldives',
'America/Mexico_City', 'America/Cancun', 'America/Merida',
'America/Monterrey', 'America/Matamoros', 'America/Mazatlan',
'America/Chihuahua', 'America/Ojinaga', 'America/Hermosillo',
'America/Tijuana', 'America/Bahia_Banderas', 'Asia/Kuala_Lumpur',
'Asia/Kuching', 'Africa/Maputo', 'Africa/Windhoek', 'Pacific/Noumea',



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DATA ASSETS

'Pacific/Norfolk', 'Africa/Lagos', 'America/Managua', 'Europe/Amsterdam', 'Europe/Oslo', 'Asia/Kathmandu', 'Pacific/Nauru', 'Pacific/Niue', 'Pacific/Auckland', 'Pacific/Chatham', 'America/Panama', 'America/Lima', 'Pacific/Tahiti', 'Pacific/Marquesas', 'Pacific/Gambier', 'Pacific/Port_Moresby', 'Pacific/Bougainville', 'Asia/Manila', 'Asia/Karachi', 'Europe/Warsaw', 'America/Miquelon', 'Pacific/Pitcairn', 'America/Puerto_Rico', 'Asia/Gaza', 'Asia/Hebron', 'Europe/Lisbon', 'Atlantic/Madeira', 'Atlantic/Azores', 'Pacific/Palau', 'America/Asuncion', 'Asia/Qatar', 'Indian/Reunion', 'Europe/Bucharest', 'Europe/Belgrade', 'Europe/Kaliningrad', 'Europe/Moscow', 'Europe/Simferopol', 'Europe/Kirov', 'Europe/Astrakhan', 'Europe/Volgograd', 'Europe/Saratov', 'Europe/Ulyanovsk', 'Europe/Samara', 'Asia/Yekaterinburg', 'Asia/Omsk', 'Asia/Novosibirsk', 'Asia/Barnaul', 'Asia/Tomsk', 'Asia/Novokuznetsk', 'Asia/Krasnoyarsk', 'Asia/Irkutsk', 'Asia/Chita', 'Asia/Yakutsk', 'Asia/Khandyga', 'Asia/Vladivostok', 'Asia/Ust-Nera', 'Asia/Magadan', 'Asia/Sakhalin', 'Asia/Srednekolymsk', 'Asia/Kamchatka', 'Asia/Anadyr', 'Asia/Riyadh', 'Pacific/Guadalcanal', 'Indian/Mahe', 'Africa/Khartoum', 'Europe/Stockholm', 'Asia/Singapore', 'America/Paramaribo', 'Africa/Juba', 'Africa/Sao_Tome', 'America/El_Salvador', 'Asia/Damascus', 'America/Grand_Turk', 'Africa/Ndjamena', 'Indian/Kerguelen', 'Asia/Bangkok', 'Asia/Dushanbe', 'Pacific/Fakaofu', 'Asia/Dili', 'Asia/Ashgabat', 'Africa/Tunis', 'Pacific/Tongatapu', 'Europe/Istanbul', 'America/Port_of_Spain', 'Pacific/Funafuti', 'Asia/Taipei', 'Europe/Kiev', 'Europe/Uzhgorod', 'Europe/Zaporozhye', 'Pacific/Wake', 'America/New_York', 'America/Detroit', 'America/Kentucky/Louisville', 'America/Kentucky/Monticello', 'America/Indiana/Indianapolis', 'America/Indiana/Vincennes', 'America/Indiana/Winamac', 'America/Indiana/Marengo', 'America/Indiana/Petersburg', 'America/Indiana/Vevay', 'America/Chicago', 'America/Indiana/Tell_City', 'America/Indiana/Knox', 'America/Menominee', 'America/North_Dakota/Center', 'America/North_Dakota/New_Salem', 'America/North_Dakota/Beulah'



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DATA ASSETS

'America/Denver', 'America/Boise', 'America/Phoenix',
'America/Los_Angeles', 'America/Anchorage', 'America/Juneau',
'America/Sitka', 'America/Metlakatla', 'America/Yakutat',
'America/Nome', 'America/Adak', 'Pacific/Honolulu',
'America/Montevideo', 'Asia/Samarkand', 'Asia/Tashkent',
'America/Caracas', 'Asia/Ho_Chi_Minh', 'Pacific/Efate', 'Pacific/Wallis',
'Pacific/Apia', 'Africa/Johannesburg'

Locales

af = Afrikaans, ar-dz = Arabic (Algeria), ar-kw = Arabic (Kuwait), ar-ly =
Arabic (Libya), ar-ma = Arabic (Morocco), ar-sa = Arabic (Saudi
Arabia), ar-tn = Arabic (Tunisia), ar = Arabic, az = Azerbaijani, be =
Belarusian, bg = Bulgarian, bm = Bambara, bn = Bengali, bo = Tibetan, br
= Breton, bs = Bosnian, ca = Catalan, cs = Czech, cv = Chuvash, cy =
Welsh, da = Danish, de-at = German (Austria), de-ch = German
(Switzerland), de = German, dv = Divehi, el = Greek, en-au = English
(Australia), en-ca = English (Canada), en-gb = English (United
Kingdom), en-ie = English (Ireland), en-nz = English (New Zealand), eo =
Esperanto, es-do = Spanish (Dominican Republic), es-us = Spanish
(United States), es = Spanish, et = Estonian, eu = Basque, fa = Persian, fi
= Finnish, fo = Faroese, fr-ca = French (Canada), fr-ch = French
(Switzerland), fr = French, fy = Western Frisian, gd = Scottish Gaelic, gl =
Galician, gom-latn = gom (Latin), gu = Gujarati, he = Hebrew, hi = Hindi, hr
= Croatian, hu = Hungarian, hy-am = Armenian (Armenia), id =
Indonesian, is = Icelandic, it = Italian, ja = Japanese, jv = Javanese, ka =
Georgian, kk = Kazakh, km = Khmer, kn = Kannada, ko = Korean, ky =
Kirghiz, lb = Luxembourgish, lo = Lao, lt = Lithuanian, lv = Latvian, me =
me, mi = Maori, mk = Macedonian, ml = Malayalam, mr = Marathi, ms-my
= Malay (Malaysia), ms = Malay, mt = Maltese, my = Burmese, nb =
Norwegian Bokmål, ne = Nepali, nl-be = Dutch (Belgium), nl = Dutch, nn
= Norwegian Nynorsk, pa-in = Punjabi (India), pl = Polish, pt-br =
Portuguese (Brazil), pt = Portuguese, ro = Romanian, ru = Russian, sd =
Sindhi, se = Northern Sami, si = Sinhala, sk = Slovak, sl = Slovenian, sq =
Albanian, sr-cyrl = Serbian (Cyrillic), sr = Serbian, ss = Swati, sv =



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DATA ASSETS

Swedish,sw = Swahili,ta = Tamil,te = Telugu,tet = Tetum,th = Thai,tl-ph = Tagalog (Philippines),tlh = Klingon,tr = Turkish,tzl = tzi,tzm-latn = tzm (Latin),tzm = tzm,uk = Ukrainian,ur = Urdu,uz-latn = Uzbek (Latin),uz = Uzbek,vi = Vietnamese,x-pseudo = x-pseudo,yo = Yoruba,zh-cn = Chinese (China),zh-hk = Chinese (Hong Kong SAR China),zh-tw = Chinese (Taiwan)