

Proгноza vremena iz naredbenog retka



Podatke o vremenu lako možemo dobiti iz raznih programa, widgeta ili pronaći na webu, ali ponekad ih je zgodno dobiti u naredbenom retku (primjerice, ako imate opremu na izdvojenoj lokaciji). Na ovaj način je lakše prenijeti podatke u skriptu, jer nema potrebe za stripanjem HTML-a.

Izdvojili smo dva servisa. Jedan je **wtrr.in**, i koristi se bez specijalnih alata, dovoljan je samo standardni "**curl**", primjerice:

```
$ curl wtrr.in/split
```

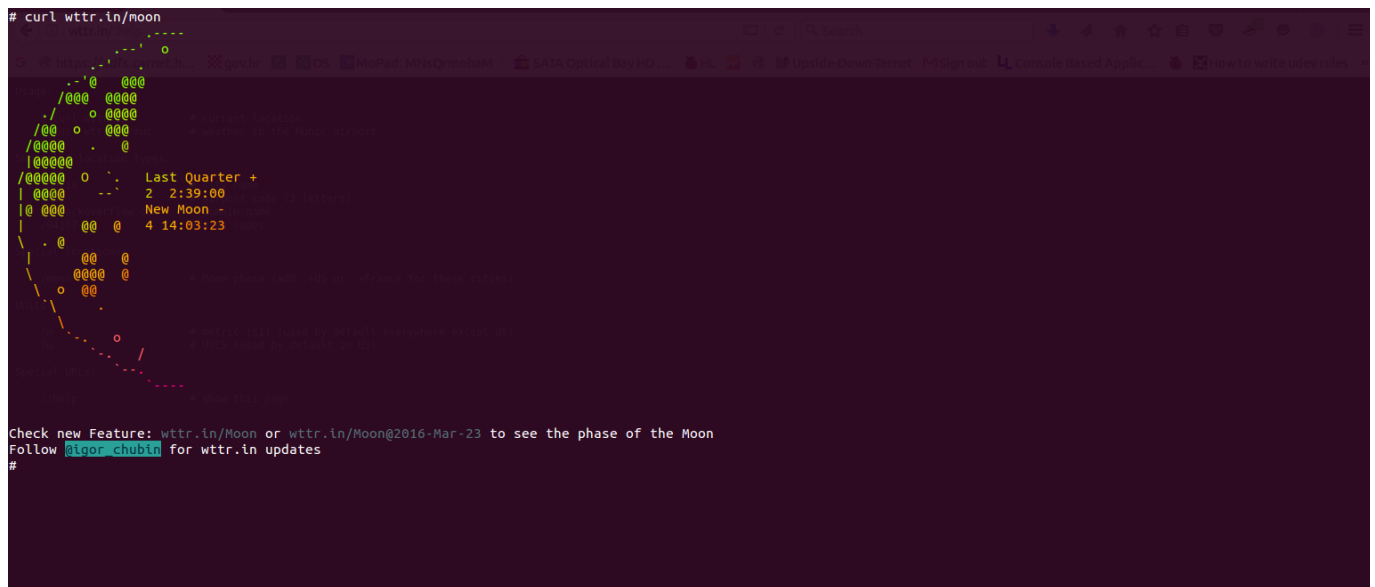
```
# curl wtrr.in/split
Weather for City: Split, Croatia
```

Thu 30. Jun			
Morning	Noon	Evening	Night
Sunny 27 °C ← 7 km/h 10 km 0.0 mm 0%	Sunny 31 - 32 °C ↑ 12 - 13 km/h 10 km 0.0 mm 0%	Sunny 28 - 30 °C → 5 - 9 km/h 10 km 0.0 mm 0%	Clear 24 - 26 °C ↓ 3 - 6 km/h 10 km 0.0 mm 0%
Fri 01. Jul			
Morning	Noon	Evening	Night
Sunny 31 - 33 °C ↑ 7 - 8 km/h 10 km 0.0 mm 0%	Sunny 32 - 34 °C ↑ 13 - 14 km/h 10 km 0.0 mm 0%	Sunny 28 - 32 °C → 6 - 12 km/h 10 km 0.0 mm 0%	Clear 24 - 26 °C ↓ 4 - 8 km/h 10 km 0.0 mm 0%
Sat 02. Jul			
Morning	Noon	Evening	Night
Sunny 32 - 34 °C ↑ 7 - 8 km/h 10 km 0.0 mm 0%	Sunny 32 - 33 °C ↑ 12 - 14 km/h 10 km 0.0 mm 0%	Sunny 27 - 29 °C → 6 - 11 km/h 10 km 0.0 mm 0%	Clear 24 - 28 °C ↓ 4 - 9 km/h 10 km 0.0 mm 0%

Check new Feature: wtrr.in/Moon or wtrr.in/Moon@2016-Mar-23 to see the phase of the Moon
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U izlazu ćemo dobiti podatke o vremenu za tri dana. Ispis je u boji, pa je u ovom slučaju malo teže dobiti izlaz koji možemo upotrijebiti u nekakvoj skripti.

Zanimljivost je da možete vidjeti i mjesečevu fazu, odnosno mijenu:















Trenutno vrijeme možete saznati i preko kodova za zračne luke (format IATA):

Ime	IATA	ICAO	Grad
Dubrovnik	DBV	LDDU	Dubrovnik
Lošinj Island	LSZ	LDLO	Lošinj
Osijek	OSI	LDOS	Osijek
Pula	PUY	LDPL	Pula
Rijeka	RJK	LDRI	Rijeka
Bol	BWK	LDSB	Bra? Island
Split	SPU	LDSP	Split
Zagreb	ZAG	LDZA	Zagreb
Zemunik	ZAD	LDZD	Zadar

U ovom primjeru, pogledajmo podatke o vremenu sa osječkog aerodroma (kod je OSI):

```
# curl wttr.in/OSI
```

```
# curl wtr.in/OSI
Weather for IATA: osi, Osijek Airport, Croatia
```

Thu 30. Jun			
Morning	Noon	Evening	Night
 Sunny 29 - 30 °C ↗ 12 - 13 km/h 10 km 0.0 mm 0%	 Sunny 31 - 32 °C ↗ 12 - 14 km/h 10 km 0.0 mm 0%	 Sunny 29 - 33 °C ↙ 8 - 17 km/h 10 km 0.0 mm 0%	 Clear 27 - 30 °C ↙ 8 - 17 km/h 10 km 0.0 mm 0%
Fri 01. Jul			
Morning	Noon	Evening	Night
 Sunny 32 - 35 °C ↗ 2 km/h 10 km 0.0 mm 0%	 Sunny 33 - 36 °C ↗ 1 km/h 10 km 0.0 mm 0%	 Sunny 31 - 33 °C ↙ 4 - 9 km/h 10 km 0.0 mm 0%	 Clear 27 - 31 °C ↓ 4 - 8 km/h 10 km 0.1 mm 0%
Sat 02. Jul			
Morning	Noon	Evening	Night
 Sunny 32 - 36 °C ↗ 6 - 7 km/h 10 km 0.0 mm 0%	 Thundery outbr... 35 - 38 °C ↗ 6 - 8 km/h 9 km 0.0 mm 0%	 Thundery outbr... 31 - 34 °C ↗ 10 - 21 km/h 9 km 0.0 mm 0%	 Patchy light r... 29 - 32 °C ↗ 8 - 17 km/h 10 km 0.4 mm 39%

Check new Feature: wtr.in/Moon or wtr.in/Moon@2016-Mar-23 to see the phase of the Moon
Follow @wtr.in for updates

vremenu specifično za pojedine aerodrome. On podržava mnogo više aerodroma, pa će možda biti zanimljiv onima koji su blizu nekog manjeg aerodroma. Program se zove "weather-util" i instalira se s apt-get:

```
# apt-get install weather-util
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  weather-util-data
The following NEW packages will be installed:
  weather-util weather-util-data
0 upgraded, 2 newly installed, 0 to remove and 0 not upgraded.
Need to get 5973 kB of archives.
After this operation, 6146 kB of additional disk space will be used.
Do you want to continue? [Y/n]
...
```

Korištenje je jednostavno, no treba znati ICAO kodove, pa ih donosimo sve:

- LDDA - Daruvar Airport - Daruvar
- LDDD - Zagreb AFTN Airport - Zagreb
- LDDP - Ploče Airport - Ploče
- LDDU (DBV) - Dubrovnik Airport - Dubrovnik
- LDLO (LSZ) - Lošinj Airport - Lošinj
- LDOB - Borovo Airport - Borovo
- LD0C - ?epin Airport - ?epin
- LDOR - Slavonski Brod Airport - Slavonski Brod
- LDOS (OSI) - Osijek Airport - Osijek
- LDPL (PUY) - Pula Airport - Pula
- LDPM - Medulin Airport - Medulin
- LDPN - Unije Airport - Unije
- LDPV - Vrsar Airport - Vrsar
- LDRG - Grobničko Polje Airport - Grobnik
- LDRI (RJK) - Rijeka Airport - Rijeka
- LDRO - Otočac Airport - Otočac
- LDSB (BWK) - Bol Airport - Brač

LD SH - Hvar Airport - Hvar
LD SP (SPU) - Split Airport - Split
LD SS - Sinj Airport - Sinj
LD VA - Varaždin Airport - Varaždin
LD VC - ?akovec Airport - ?akovec
LD VK - Koprivnica Airport - Koprivnica
LD ZA (ZAG) - Franjo Tu?man Airport - Zagreb
LD ZD (ZAD) - Zadar Airport - Zadar
LD ZG - Zagreb City Airport - Zagreb
LD ZL - Zagreb Lu?ko Airport - Zagreb
LD ZO - Zagreb ACC Airport - Zagreb
LD ZU - Udbina Airport - Udbina

Na žalost, neki ne vraćaju podatke o vremenu, pa to imajte na umu.

```
$ weather LDZA
Searching via station...
[ caching result Zagreb / Pleso, Croatia ]
Current conditions at Zagreb / Pleso, Croatia (LDZA) 45-44N 016-04E 107M
Last updated Jun 30, 2016 - 07:00 AM EDT / 2016.06.30 1100 UTC
  Temperature: 82 F (28 C)
  Relative Humidity: 45%
  Wind: from the SSE (150 degrees) at 6 MPH (5 KT) (direction variable)
```

Postoji i neznatno kraća verzija, pogodnija ako ćete izvlačiti podatke za skriptu ili slično.

```
$ weather -q LDZA
Searching via station...
[ caching result Zagreb / Pleso, Croatia ]
Temperature: 82 F (28 C)
Relative Humidity: 45%
Wind: from the SSE (150 degrees) at 6 MPH (5 KT) (direction variable)
```

Sam program "weather" ima još opcija, a od zanimljivijih možemo spomenuti upozorenja o tornadima i drugim vremenskim nepogodama, no vjerujemo da će vam te informacije prije doći preko TV-a i radija (a i fali nam nešto tornada i uragana na ovim područjima).

Weather cachira podatke, pa se prilikom ponovnog poziva unutar određenog vremenskog razdoblja prikazuju podaci iz cachea. Ukoliko želite svježije podatke, upotrijebite opciju "--no-cache":

```
$ weather -q --no-cache LDDU
Searching via station...
[ using result Dubrovnik / Cilipi, Croatia ]
Temperature: 82 F (28 C)
Relative Humidity: 48%
Wind: from the SW (220 degrees) at 8 MPH (7 KT) (direction variable)
```

Na kraju, moramo spomenuti da i weather, kao i wtrr.in, podržava pretraživanje po imenu grada:

```
$ weather rijeka
Searching via name...
[ using result Rijeka / Omisalj, Croatia ]
Current conditions at Rijeka / Omisalj, Croatia (LDRI) 45-13N 014-35E
Last updated Jun 30, 2016 - 07:30 AM EDT / 2016.06.30 1130 UTC
  Temperature: 82 F (28 C)
```

Relative Humidity: 51%
Wind: from the WNW (300 degrees)

Nažalost, nama se čini da je takvo pretraživanje dosta sporo (oko 35 sekundi), pa smo radije koristili oznake aerodroma (oko 7 sekundi).

```
$ time weather -q --no-cache dubrovnik  
real    0m34.817s
```

```
$ time weather -q --no-cache LDDU  
real    0m6.687s
```

čet, 2016-06-30 23:32 - Zdravko Rašić **Kuharice:** [Linux](#) [1]

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