

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
Follow [algor_chubtr](#) for wtrr.in updates

U naredbenom retku možemo 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:


```
# curl wtrr.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: wtrr.in/Moon or wtrr.in/Moon@2016-Mar-23 to see the phase of the Moon
 Follow @wtrr.in on GitHub for updates: [wtrr.in/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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[1] <https://sysportal.carnet.hr/taxonomy/term/17>

[2] <https://sysportal.carnet.hr/taxonomy/term/25>