

1

2

1

3

¹BRDO,

Corresponding author: , m.kuzin@brdo.com.ua

Abstract

— , “ ” “ ”
 . —
 () , . , ,
 — () W3C .

1 :

Open Knowledge Foundation — CKAN,
 — “ ” , - ,
 1.
 “ ” “ ”:
 , .
 — № 835 “ ”
 , (,). .csv, .xls(x), .json, .rdf
 “ ”,
 .xlsx , () ,
 “ ” “ ” :
 • “ ” , .
 • “ ” : “ ”
 , —
 • , ,
 • — .
 : .xlsx ,
 () .
 , ,
 () , “ ” .

— , “ W3C.
 W3C” “ ” “ ”,
 , .

2 W3C

- ,
 “ - ” (hypertext, HT) , HTTP- , HTML-
 -
 2 , () ,
 — ,

¹ <https://opendefinition.org/od/2.0/ua/>

² <https://www.w3.org/DesignIssues/LinkedData.html>

Linked Data, “ ” [] ”, “ ”.
 () , <a> href HTML- ,
 , RDF-

’ , , DCAT), , RDF
 (, — . RDF () :

1. ’ , URI- ;
 2. , — , “ ”;
 3. — , “70” ().

Linked Open Data Cloud , , ,
 WC3:

’ W3C , RDF- — 3.
 W3C .
 11 2024 841,643 (), RDF
 25 (’). 2018 , .

```
# A tibble: 25 x 2
  mimetype      created
  <chr>         <chr>
1 application/rdf+xml 2018-11-01T13:28:03.538971
2 application/rdf+xml 2018-11-02T09:00:38.201840
3 application/rdf+xml 2018-11-01T11:14:31.685839
4 application/rdf+xml 2018-11-05T10:21:52.515944
5 application/rdf+xml 2018-11-05T10:37:34.390529
6 application/rdf+xml 2018-11-05T10:39:31.313447
7 application/rdf+xml 2018-11-02T11:02:25.354277
8 application/rdf+xml 2018-11-05T10:22:31.868074
9 application/rdf+xml 2018-11-05T10:41:03.930371
10 application/rdf+xml 2018-11-05T10:23:24.421427
# i 15 more rows
```

Source: [Article Notebook](#)

3
 , 4 —
user stories, .
 . 5 ,
 :

- ,
- , -
- - , , , ,
- ,
- ,

³ RDF (R) https://cran.r-project.org/web/packages/rdflib/vignettes/rdf_intro.html

⁴ <https://github.com/co-cddo/open-standards/issues/40>

⁵ <https://www.gov.uk/government/publications/recommended-open-standards-for-government/tabular-data-standard>

91 , , , ,
92 . ,
93 .
94 , , , ,
95 — , . ,
96 ; .
97 , .
98 , « », «
99 » / TAPAS, , «...
100 »⁶. ,
101 — .
102 , (
103 ,):
104 • — .
105 • .
106 • — , .
107 • . # ,
108 • .
109 • , .
110 • , , .
111 , , , , —
112 .
113 4
114 , W3C,
115 . —
116 .
117 , , — , ,
118 () .

⁶ <https://data.gov.ua/uploads/files/2018-08-11-104337.710875Part04.pdf>