

Telemetry

API for collecting anonymized data from DrWhy.AI tools

Simple & Universal

- Anonymized data
- REST API
- Can be used in R, Python, JavaScript, Bash and more
- Results are available in csv files

POST

/session Starts new session.

POST

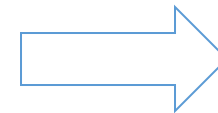
/events Register new event

POST

/state Register new state

<https://arena.mini.pw.edu.pl/telemetry/session>

```
session ▾ {  
  application*      string  
                    example: Arena  
                    pattern: ^[A-Za-z0-9-]*$  
                    maxLength: 20  
                    Name of application  
  
  application_version string  
                    example: master-1.0.1  
                    pattern: ^[A-Za-z0-9-]*$  
                    maxLength: 15  
                    Version of application  
  
  data              string  
                    example: { "window": { "width": 1920, "height": 1080 } }  
                    maxLength: 4096  
                    Auxiliary information about user session  
  
}
```



UUID

<https://arena.mini.pw.edu.pl/telemetry/state>

```
state ▾ {  
  uuid*  
    string  
    example: 4a5470aa-f2cf-4133-8314-6b21e8a18e12  
    maxLength: 36  
    minLength: 36  
    pattern: ^[a-z0-9-]*$  
  
    UUID generated using /session request.  
  
  type  
    string  
    example: simplified  
    pattern: ^[A-Za-z0-9-]*$  
    maxLength: 30  
  
    Type allows to distinguish states in the same application.  
  
  data*  
    string  
    maxLength: 65000  
  
    State data  
  
}
```

<https://arena.mini.pw.edu.pl/telemetry/events>

```
event ▾ {  
  uuid★  
    string  
    example: 4a5470aa-f2cf-4133-8314-6b21e8a18e12  
    maxLength: 36  
    minLength: 36  
    pattern: ^[a-z0-9-]*$  
  
    UUID generated using /session request.  
  
  type★  
    string  
    example: OPEN_PLOT  
    maxLength: 30  
    pattern: ^[A-Za-z0-9-]*$  
  
    Type of event. Events of the same type should have same data structure.  
  
  data  
    string  
    example: {"plotType": "BreakDown", "plotWidth": 200, "plotHeight": 150}  
    maxLength: 4096  
  
    Additional data about event.  
  
}
```

Results

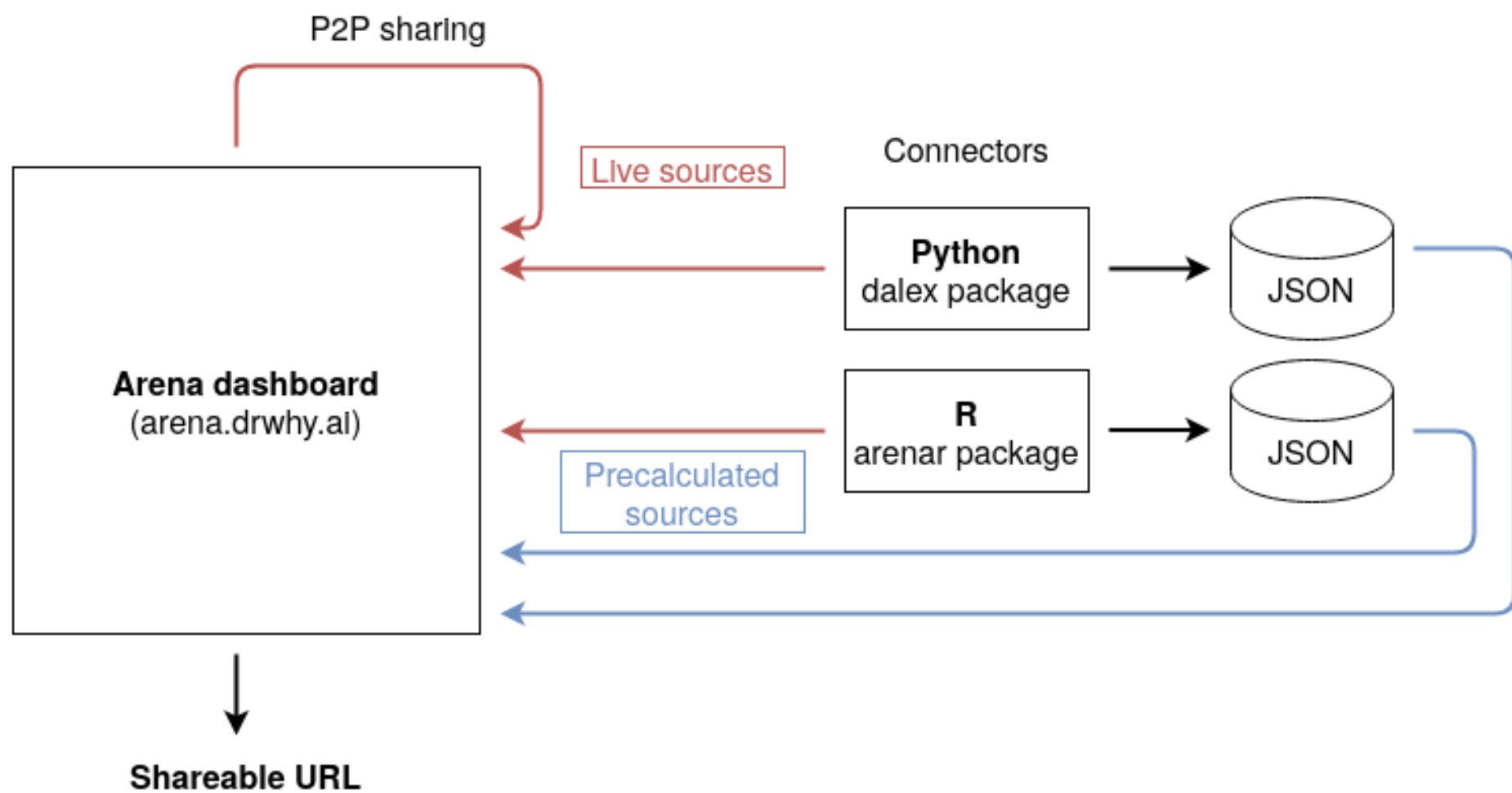
- <https://arena.mini.pw.edu.pl/session.csv>
- <https://arena.mini.pw.edu.pl/state.csv>
- <https://arena.mini.pw.edu.pl/event.csv>

Implementing

- Check <https://arena.mini.pw.edu.pl/telemetry/api-doc/>
- Read CRAN policy
- Write to me @Piotr Piątyszek
- Anonymize data
- Use HTTP requests library

Arena

The universal dashboard for exploration of models



Available charts

- XAI
- **Model Performance***
- **Fairness***
- **EDA***

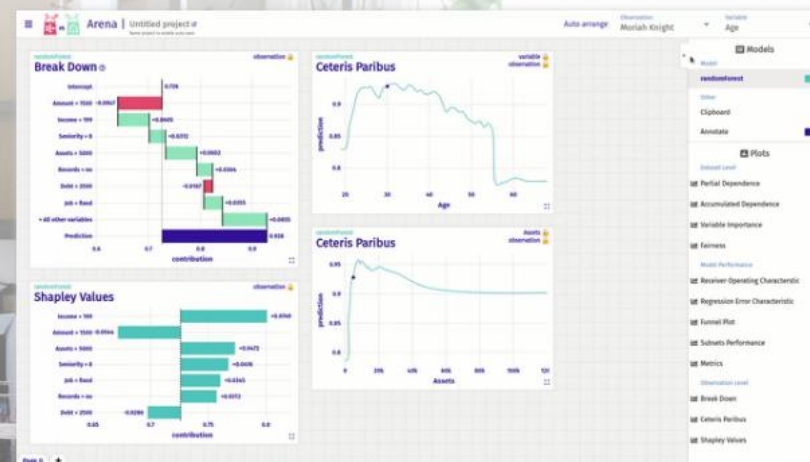
*Introduced this summer

Blogs

- How to use the Arena for exploration of ML models for credit scoring
- What will happen if I change this a little— introducing ArenaR 0.2.0

DO
MORE.

Arena is the universal dashboard
for models exploration for Python
and R



✓ Explore single model

✓ Explain prediction

✓ Model Performance

✓ Compare multiple models

✓ Check Fairness

✓ Exploratory data analysis

[DEMO]