ANALYSIS

Analysis web services

GET run

```
http://127.0.0.1:8000/ws/analysis/run/1/
```

BODY raw

```
{
    "start_date": "2021-05-29 00:00:00",
    "end_date": "2021-05-30 00:00:00",
    "instrument": 18
}
```

Example Request   run

```
curl --location --request GET 'http://127.0.0.1:8000/ws/analysis/run/1/' \
--data-raw '{
    "start_date": "2021-05-29 00:00:00",
    "end_date": "2021-05-30 00:00:00",
    "instrument": 18
}'
```

GET run all

```
http://127.0.0.1:8000/ws/analysis/run/
```

Example Request   run all

```
curl --location --request GET 'http://127.0.0.1:8000/ws/analysis/run/'
```

POST run

http://127.0.0.1:8000/ws/analysis/run/

BODY raw

```
{
    "start_date": "2021-05-29 00:00:00",
    "end_date": "2021-05-30 00:00:00",
    "instrument": 18
}
```

Example Request   run

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/run/' \
--data-raw '{
    "start_date": "2021-05-29 00:00:00",
    "end_date": "2021-05-30 00:00:00",
    "instrument": 18
}'
```

POST run_tag

http://127.0.0.1:8000/ws/analysis/run_tag/

BODY raw

```
{
    "key": "flowcell_id",
    "value": "000000000-JHLN6",
    "type": "str",
    "run": 18
}
```

Example Request   run_tag

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/run_tag/' \
--data-raw '{
    "key": "flowcell_id",
    "value": "000000000-JHLN6",
    "type": "str",
    "run": 18
}'
```

GET sample

http://127.0.0.1:8000/ws/analysis/sample/1/

Example Request   sample

```
curl --location --request GET 'http://127.0.0.1:8000/ws/analysis/sample/1/'
```

GET sample all

http://127.0.0.1:8000/ws/analysis/sample/

Example Request   sample all

```
curl --location --request GET 'http://127.0.0.1:8000/ws/analysis/sample/'
```

POST sample

http://127.0.0.1:8000/ws/analysis/sample/

BODY raw

```
{
    "name": "splTOTO",
    "creation_date": "2021-07-26 00:00:00",
    "description": "Example of sample"
}
```

Example Request   sample

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/sample/' \
--data-raw '{
    "name": "splTOTO",
    "creation_date": "2021-07-26 00:00:00",
    "description": "Example of sample"
}'
```

PUT sample

```
http://127.0.0.1:8000/ws/analysis/sample/2/parent/
```

BODY raw

```
{
    "parent": 10
}
```

Example Request   sample

```
curl --location --request PUT 'http://127.0.0.1:8000/ws/analysis/sample/2/parent/' \
--data-raw '{
    "parent": 10
}'
```

POST sample_tag

```
http://127.0.0.1:8000/ws/analysis/sample_tag/
```

```
{
    "key": "origin",
    "value": "anapath",
    "type": "str",
    "sample": 324
}
```

Example Request   sample_tag

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/sample_tag/' \
--data-raw '{
    "key": "origin",
    "value": "anapath",
    "type": "str",
    "sample": 324
}'
```

POST provider

```
http://127.0.0.1:8000/ws/analysis/provider/
```

BODY raw

```
{
    "description": "Illumina, Inc. is an American company incorporated in April 1998 that develops, m
    "name": "Illumina"
}
```

Example Request   provider

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/provider/' \
--data-raw '{
    "description": "Illumina, Inc. is an American company incorporated in April 1998 that develops, ma
    "name": "Illumina"
}'
```

POST instrument

http://127.0.0.1:8000/ws/analysis/instrument/

BODY raw

```
{
    "model": "MiSeq",
    "provider_sn": "M70265",
    "category": "High-throughput sequencer",
    "provider": 19
}
```

Example Request   instrument

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/instrument/' \
--data-raw '{
    "model": "MiSeq",
    "provider_sn": "M70265",
    "category": "High-throughput sequencer",
    "provider": 19
}'
```

POST software

http://127.0.0.1:8000/ws/analysis/software/

BODY raw

```
{
    "category": "conversion",
    "description": "Conversion Software both demultiplexes data and converts BCL files generated by I
    "name": "bcl2fastq"
}
```

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/software/' \
--data-raw '{
    "category": "conversion",
    "description": "Conversion Software both demultiplexes data and converts BCL files generated by Il
    "name": "bcl2fastq"
}'
```

GET result

http://127.0.0.1:8000/ws/analysis/result/1/

Example Request

result

```
curl --location --request GET 'http://127.0.0.1:8000/ws/analysis/result/1/'
```

GET result all

http://127.0.0.1:8000/ws/analysis/result/

Example Request

result all

```
curl --location --request GET 'http://127.0.0.1:8000/ws/analysis/result/'
```

POST result

http://127.0.0.1:8000/ws/analysis/result/

BODY raw

```
{
    "category": "raw_reads",
    "path": "test path",
    "type": "fastq",
    "run": 18
}
```

Example Request   result

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/result/' \
--data-raw '{
    "category": "raw_reads",
    "path": "test path",
    "type": "fastq",
    "run": 18
}'
```

PUT result

http://127.0.0.1:8000/ws/analysis/result/1/

BODY raw

```
{
    "category": "raw_reads",
    "path": "test path",
    "type": "fastq",
    "run": 18
}
```

Example Request   result

```
curl --location --request PUT 'http://127.0.0.1:8000/ws/analysis/result/1/' \
--data-raw '{
    "category": "raw_reads",
    "path": "test path",
    "type": "fastq",
    "run": 18
}'
```

GET analysis

```
http://127.0.0.1:8000/ws/analysis/analysis/
```

BODY raw

```
{
    "category": "raw_reads",
    "path": "/home/fescudie/share/data/raw/210529_M70265_0465_000000000-JHLN6/Data/Intensities/BaseCa
    "type": "fastq",
    "run": 18
}
```

Example Request   analysis

```
curl --location --request GET 'http://127.0.0.1:8000/ws/analysis/analysis/' \
--data-raw '{
    "category": "raw_reads",
    "path": "/home/fescudie/share/data/raw/210529_M70265_0465_000000000-JHLN6/Data/Intensities/BaseCal
    "type": "fastq",
    "run": 18
}'
```

GET analysis all

```
http://127.0.0.1:8000/ws/analysis/analysis/
```

BODY raw

```
{
    "category": "raw_reads",
    "path": "/home/fescudie/share/data/raw/210529_M70265_0465_000000000-JHLN6/Data/Intensities/BaseCa
    "type": "fastq",
    "run": 18
}
```

```
curl --location --request GET 'http://127.0.0.1:8000/ws/analysis/analysis/' \
--data-raw '{
    "category": "raw_reads",
    "path": "/home/fescudie/share/data/raw/210529_M70265_0465_000000000-JHLN6/Data/Intensities/BaseCal
    "type": "fastq",
    "run": 18
}'
```

POST analysis

http://127.0.0.1:8000/ws/analysis/analysis/

BODY raw

```
{
    "cmd": "{'R1': ['/MiSeqDx1/210529_M70265_0465_000000000-JHLN6/Data/Intensities/BaseCalls/21T01930
                              View More
```

Example Request   analysis

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/analysis/' \
--data-raw '{
    "cmd": "{'\''R1'\'': ['\''/MiSeqDx1/210529_M70265_0465_000000000-JHLN6/Data/Intensities/BaseCalls/
                              View More
```

POST run_sample

http://127.0.0.1:8000/ws/analysis/run_sample/

BODY raw

```
{
    "run": 18,
    "sample": 324
}
```

Example Request   run_sample

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/run_sample/' \
--data-raw '{
    "run": 18,
    "sample": 324
}'
```

POST result_consumer

http://127.0.0.1:8000/ws/analysis/result_consumer/

BODY raw

```
{
    "consumer": 96,
    "result": 2808
}
```

Example Request   result_consumer

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/result_consumer/' \
--data-raw '{
    "consumer": 96,
    "result": 2808
}'
```

POST sample_result

http://127.0.0.1:8000/ws/analysis/sample_result/

BODY raw

```
{
    "result": 2808,
    "sample": 324
}
```

Example Request   sample_result

```
curl --location --request POST 'http://127.0.0.1:8000/ws/analysis/sample_result/' \
--data-raw '{
    "result": 2808,
    "sample": 324
```