RTPI DUBLIN BUS EXAMPLES

DUBIN transport RTPI

https://data.smartdublin.ie/dataset/real-time-passenger-information-rtpi-for-dublin-bus-bus-eireann-luas-and-irish-rail

1. **OPERATOR**

https://data.smartdublin.ie/cgi-bin/rtpi/operatorinformation?format=json

```
object{5}
    errorcode:0
    errormessage:
    numberofresults:6
    timestamp:14/07/2020 15:14:19
    results[6]
        0{3}
            operatorreference:BE
            operatorname:Bus Éireann
            operatordescription:
        1{3}
            operatorreference:bac
            operatorname:Dublin Bus
            operatordescription:
        2{3}
            operatorreference:KB
            operatorname:Kildare Bus
            operatordescription:
        3{3}
            operatorreference:LUAS
            operatorname:LUAS
            operatordescription:
        4{3}
            operatorreference:ir
            operatorname:Irish Rail
            operatordescription:
        5{3}
            operatorreference:GAD
            operatorname:Go Ahead
            operatordescription:
```

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2. REAL TIME

https://data.smartdublin.ie/cgi-
bin/rtpi/realtimebusinformation?stopid=768&routeid=155&format=jsons&operator=bac

```
object{6}
    errorcode:0
    errormessage:
    numberofresults:3
    stopid:768
    timestamp:14/07/2020 14:37:20
    results[3]
        0{18}
            arrivaldatetime:14/07/2020 14:55:53
            duetime:18
            departuredatetime:14/07/2020 14:55:53
            departureduetime:18
            scheduledarrivaldatetime:14/07/2020 14:54:00
            scheduleddeparturedatetime:14/07/2020 14:54:00
            destination:IKEA
            destinationlocalized:IKEA
            origin:Bray
            originlocalized:Bré
            direction:Inbound
            operator:bac
            operatortype:1
            additionalinformation:
            lowfloorstatus:no
            route:155
            sourcetimestamp:14/07/2020 14:25:34
            monitored:true
        1{18}
        2{18}
```

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3. TIMETABLE day

```
object{6}
    errorcode:0
    errormessage:
    numberofresults:84
    stopid:768
    timestamp:14/07/2020 14:43:37
    results[84]
        0{6}
            arrivaldatetime:14/07/2020 14:53:00
            destination:St. Margaret's Road
            destinationlocalized:
            operator:Dublin Bus
            lowfloorstatus:no
            route:155
        1{6}
            arrivaldatetime:14/07/2020 14:54:00
            destination:St. Margaret's Road
            destinationlocalized:
            operator:Dublin Bus
            lowfloorstatus:no
            route:155
        2{6}
            arrivaldatetime:14/07/2020 14:55:00
            destination:St. Margaret's Road
            destinationlocalized:
            operator:Dublin Bus
            lowfloorstatus:no
            route:155
        3{6}
            arrivaldatetime:14/07/2020 15:12:00
            destination:St. Margaret's Road
            destinationlocalized:
            operator:Dublin Bus
            lowfloorstatus:no
            route:155
        4{6}
        5{6}
        6{6}
        7{6}
        8{6}
```

```
    arrivaldatetime:14/07/2020 21:07:00
    destination:St. Margaret's Road
    destinationlocalized:
    operator:Dublin Bus
    lowfloorstatus:no
    route:155
58{6}
    arrivaldatetime:14/07/2020 21:07:00
    destination:St. Margaret's Road
    destinationlocalized:
    operator:Dublin Bus
    lowfloorstatus:no
    route:155
59{6}
    arrivaldatetime:14/07/2020 21:07:00
    destination:St. Margaret's Road
    destinationlocalized:
    operator:Dublin Bus
    lowfloorstatus:no
    route:155
60{6}
    arrivaldatetime:14/07/2020 21:27:00
    destination:St. Margaret's Road
    destinationlocalized:
    operator:Dublin Bus
    lowfloorstatus:no
    route:155
61{6}
    arrivaldatetime:14/07/2020 21:27:00
    destination:St. Margaret's Road
    destinationlocalized:
    operator:Dublin Bus
    lowfloorstatus:no
    route:155
62{6}
    arrivaldatetime:14/07/2020 21:27:00
    destination:St. Margaret's Road
    destinationlocalized:
    operator:Dublin Bus
    lowfloorstatus:no
    route:155
63{6}
```

```
    arrivaldatetime:14/07/2020 21:47:00
    destination:St. Margaret's Road
    destinationlocalized:
    operator:Dublin Bus
    lowfloorstatus:no
    route:155
64{6}
    arrivaldatetime:14/07/2020 21:47:00
    destination:St. Margaret's Road
    destinationlocalized:
    operator:Dublin Bus
    lowfloorstatus:no
    route:155
65{6}
    arrivaldatetime:14/07/2020 21:47:00
    destination:St. Margaret's Road
    destinationlocalized:
    operator:Dublin Bus
    lowfloorstatus:no
    route:155
.66{6}
.
.
.
.
76{6}
77{6}
78{6}
79{6}
80{6}
81{6}
82{6}
83{6}
```

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4. TIMETABLE week

```
object{7}
    errorcode:0
    errormessage:
    numberofresults:6
    stopid:768
    route:155
    timestamp:14/07/2020 14:48:44
    results[6]
        0{6}
            startdayofweek:Monday
            enddayofweek:Sunday
            destination:O'Connell St
            destinationlocalized:Sr UÃ Chonaill
            lastupdated:13/07/2020 09:27:58
            departures[4]
                0:23:25:00
                1:23:25:00
                2:23:45:00
                3:23:45:00
        1{6}
            startdayofweek:Monday
            enddayofweek:Friday
            destination:O'Connell St
            destinationlocalized:Sr UÃ Chonaill
            lastupdated:13/07/2020 09:27:58
            departures[4]
                0:23:25:00
                1:23:25:00
                2:23:45:00
                3:23:45:00
        2{6}
            startdayofweek:Saturday
            enddayofweek:Saturday
            destination:O'Connell St
            destinationlocalized:Sr UÃ Chonaill
            lastupdated:13/07/2020 09:27:58
            departures[4]
        3{6}
```

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startdayofweek:Monday
enddayofweek:Sunday
destination:St. Margaret's Road
destinationlocalized:
lastupdated:13/07/2020 09:27:58
departures[90]
```
    0:08:27:00
    1:08:27:00
    2:08:47:00
    3:08:47:00
    4:09:09:00
    5:09:09:00
    6:09:29:00
    7:09:29:00
    8:09:49:00
    9:09:49:00
    10:10:09:00
    11:10:09:00
    12:10:29:00
    13:10:29:00
    14:10:49:00
    15:10:49:00
    16:11:09:00
    17:11:09:00
    18:11:29:00
    19:11:29:00
    20:11:49:00
    21:11:49:00
    22:12:13:00
    23:12:13:00
    24:12:33:00
    25:12:33:00
    26:12:53:00
    27:12:53:00
    28:13:13:00
    29:13:13:00
    30:13:33:00
    31:13:33:00
    32:13:53:00
    33:13:53:00
    34:14:13:00
```

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```
35:14:13:00
36:14:33:00
37:14:33:00
38:14:53:00
39:14:53:00
40:15:12:00
41:15:12:00
42:15:32:00
43:15:32:00
44:15:52:00
45:15:52:00
46:16:17:00
47:16:17:00
48:16:37:00
49:16:37:00
50:16:57:00
51:16:57:00
52:17:17:00
53:17:17:00
54:17:37:00
55:17:37:00
56:17:57:00
57:17:57:00
58:18:12:00
59:18:12:00
60:18:32:00
61:18:32:00
62:18:52:00
63:18:52:00
64:19:08:00
65:19:08:00
66:19:28:00
67:19:28:00
68:19:48:00
69:19:48:00
70:20:08:00
71:20:08:00
72:20:28:00
73:20:28:00
74:20:48:00
75:20:48:00
```

```
        76:21:07:00
        77:21:07:00
        78:21:27:00
        79:21:27:00
        80:21:47:00
        81:21:47:00
        82:22:07:00
        83:22:07:00
        84:22:27:00
        85:22:27:00
        86:22:47:00
        87:22:47:00
        88:23:07:00
        89:23:07:00
4{6}
    startdayofweek:Monday
    enddayofweek:Friday
    destination:St. Margaret's Road
    destinationlocalized:
    lastupdated:13/07/2020 09:27:58
    departures[102]
5{6}
    startdayofweek:Saturday
    enddayofweek:Saturday
    destination:St. Margaret's Road
    destinationlocalized:
    lastupdated:13/07/2020 09:27:58
    departures[102]
```

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5. STOPID

```
object{5}
    errorcode:0
    errormessage:
    numberofresults:1
    timestamp:14/07/2020 15:02:22
    results[1]
        0{10}
            stopid:768
            displaystopid:768
            shortname:Stillorgan Road
            shortnamelocalized:BÃ³thar Stigh Lorgan
            fullname:Stillorgan Road
            fullnamelocalized:
            latitude:53.3094661111
            longitude:-6.21888
            lastupdated:29/06/2020 07:32:36
            operators[1]
                0{3}
                    name:bac
                    operatortype:1
                    routes[18]
                        0:116
                        1:118
                        2:145
                        3:155
                        4:25X
                        5:27X
                        6:32X
                        7:39
                        8:39A
                        9:41X
                        10:46A
                        11:46E
                        12:47
                        13:66X
                        14:67X
                        15:7B
                        16:7D
                        17:84X
```

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6. ROUTE

https://data.smartdublin.ie/cgi-bin/rtpi/routeinformation?routeid=155&format=json&operator=bac

```
object{6}
    errorcode:0
    errormessage:
    numberofresults:4
    route:155
    timestamp:14/07/2020 15:05:57
    results[4]
        0{7}
            operator:bac
            origin:Bray
            originlocalized:Bré
            destination:O'Connell St
            destinationlocalized:Sr. Uí Chonaill
            lastupdated:13/07/2020 09:28:09
            stops[56]
        1{7}
            operator:bac
            origin:Bray
            originlocalized:Bré
            destination:St. Margaret's Road
            destinationlocalized:St. Margaret's Road
            lastupdated:13/07/2020 09:28:06
            stops[81]
                0{9}
                    stopid:4168
                    displaystopid:4168
                    shortname:Bray
                    shortnamelocalized:Bré
                    fullname:Bray
                    fullnamelocalized:
                    latitude:53.2044316667
                    longitude:-6.1010177778
                    operators[1]
                        0{3}
                            name:bac
                            operatortype:1
                            routes[1]
                                0:155
                1{9}
                2{9}
                3{9}
                4{9}
```

```
        5{9}
        6{9}
        7{9}
        8{9}
         9{9}

        .

        .

        .

        .

        65{9}
        66{9}
        67{9}
        68{9}
        69{9}
        70{9}
        71{9}
        72{9}
        73{9}
        74{9}
        75{9}
        76{9}
        77{9}
        78{9}
        79{9}
        80{9}
2{7}
    operator:bac
    origin:St. Margaret's Road
    originlocalized:St. Margaret's Road
    destination:Bray
    destinationlocalized:Bré
    lastupdated:13/07/2020 09:28:00
    stops[78]
3{7}
    operator:bac
    origin:St. Margaret's Road
    originlocalized:St. Margaret's Road
    destination:O'Connell St
    destinationlocalized:Sr. Uí Chonaill
    lastupdated:13/07/2020 09:28:03
    stops[24]
```

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7. ROUTE LIST

https://data.smartdublin.ie/cgi-bin/rtpi/routelistinformation?operator=bac&format=json

```
object{5}
    errorcode:0
    errormessage:
    numberofresults:473
    timestamp:14/07/2020 15:18:22
    results[473]
        0{3}
            operator:bac
            operatortype:1
            route:1
        1{3}
            operator:bac
            operatortype:1
            route:100
        2{3}
            operator:bac
            operatortype:1
            route:100X
        3{3}
            operator:bac
            operatortype:1
            route:101
        4{3}
            operator:bac
            operatortype:1
            route:101N
        5{3}
        6{3}
        7{3}
        8{3}
         9{3}
        .
        .
        .
        24{3}
        25{3}
        26{3}
        27{3}
            operator:bac
            operatortype:1
            route:120
        28{3}
```

operator:bac
operatortype:1
route:121
29{3}
30{3}
31{3}
32{3}
33{3}
34{3}
35{3}
36{3}
37{3}
38{3}
39{3}
40{3}
41{3}
42{3}
43{3}
operator:bac
operatortype:1
route:140
44{3}
45{3}
operator:bac
operatortype:1
route:145
46{3}
47{3}
48{3}
49{3}
50{3}
operator:bac
operatortype:1
route:155
51{3}
52{3}
.
.
.
87{3}
88{3}
89{3}
90{3}
operator:bac
operatortype:1
route:208
91{3}
operator:bac
operatortype:1

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```
    route:209

    .
    .
    .

276{3}
277{3}
278{3}
279{3}
280{3}
    operator:bac

    operatortype:1

    route:46A
281{3}
 282{3}
.
.
.

323  {3}
324{3}
325{3}
326{3}
    operator:bac

    operatortype:1

    route:67X
327{3}
328{3}
    operator:bac

    operatortype:1

    route:68A
329{3}
372{3}
373{3}
    operator:bac

    operatortype:1

    route:bac|140
374{3}
375{3}
    operator:bac

    operatortype:1

    route:bac|145
376{3}
 377{3}
.
.

412{3}
413{3}
414{3}
```

415{3}

    operator:bac

    operatortype:1

    route:bac|32B

416{3}

417{3}

418{3}

419{3}

420{3}

421{3}

    operator:bac

    operatortype:1

    route:bac|37

422{3}

 423{3}

.

.

469{3}

    operator:bac

    operatortype:1

    route:X4

470{3}

    operator:bac

    operatortype:1

    route:X51

471{3}

    operator:bac

    operatortype:1

    route:X8

472{3}

    operator:bac

    operatortype:1

    route:XXX