

# Reference

收集常见的文档介绍

official\_paper [Microscopic Traffic Simulation using SUMO](#)

Traci with python: [Interfacing TraCI from Python - SUMO Documentation](#)

 <https://sumo.dlr.de/pydoc/traci.main.html#-simulationStep>

### Python: module traci.main

traci .main index /home/delphi/gcc/sumo/tools/traci/main.py # -\*- coding: utf-8 -\*- # Eclipse SUMO, Simulation of Urban MObility; see https://ecl

traci.main

[index](#)  
[/home/delphi/gcc/sumo/tools/traci/main.p](#)

```
# -*- coding: utf-8 -*-
# Eclipse SUMO, Simulation of Urban MObility; see https://eclipse.org/sumo
# Copyright (C) 2008-2023 German Aerospace Center (DLR) and others.
# This program and the accompanying materials are made available under the
# terms of the Eclipse Public License 2.0 which is available at
# https://www.eclipse.org/legal/epl-2.0/
# This Source Code may also be made available under the following Secondary
# Licenses when the conditions for such availability set forth in the Eclipse
# Public License 2.0 are satisfied: GNU General Public License, version 2
# or later which is available at
# https://www.gnu.org/licenses/old-licenses/gpl-2.0-standalone.html
# SPDX-License-Identifier: EPL-2.0 OR GPL-2.0-or-later
```

Modules

<a href="#">traci.busstop</a>	<a href="#">traci.lanearea</a>	<a href="#">traci.rerouter</a>	<a href="#">traci.connection</a>
<a href="#">traci.calibrator</a>	<a href="#">traci.meandata</a>	<a href="#">traci.route</a>	<a href="#">os</a>
<a href="#">traci.chargingstation</a>	<a href="#">traci.multientryexit</a>	<a href="#">traci.routeprobe</a>	<a href="#">socket</a>
<a href="#">traci.edge</a>	<a href="#">traci.overheadwire</a>	<a href="#">traci.simulation</a>	<a href="#">subprocess</a>
<a href="#">traci.gui</a>	<a href="#">traci.parkingarea</a>	<a href="#">traci.trafficlight</a>	<a href="#">sys</a>
<a href="#">traci.inductionloop</a>	<a href="#">traci.person</a>	<a href="#">traci.variablespeedsign</a>	<a href="#">traci.constants</a>
<a href="#">traci.junction</a>	<a href="#">traci.poi</a>	<a href="#">traci.vehicle</a>	<a href="#">time</a>
<a href="#">traci.lane</a>	<a href="#">traci.polygon</a>	<a href="#">traci.vehicletype</a>	<a href="#">warnings</a>

## Doc

- 知乎
  - azpq - 知乎
  - 云鹤烟波 - 知乎
  - 侘寂升平 - 知乎
  - 暖安 - 知乎
    - sumo安装: [SUMO仿真学习攻略一](#)
    - 路网生成: [SUMO 仿真学习攻略二](#)
  - 其他
    - [code] [Sumo入门和Traci接口教程](#)
    - [code] [获取路网](#)

- [\[code\] Sumo入门和Traci接口教程](#)

- [SUMO 交通控制接口 —— TraCI](#)

- CSDN

- [\[code\]sumo专栏: SUMO\\_EmilyGnn的博客-CSDN博客](#)
  - 内容: 需求建模--车辆路线; Traci接口以及Traci与python; 可视化; netconvert和netgenerate;  
红绿灯; xml定义网络
- [\[code\]sumo专栏: SUMO\\_tanghui0102的博客-CSDN博客](#)
  - 内容: Traci多客户端, Traci相关函数
- [\[code\]sumo专栏: 交通仿真\\_小兜同学在TJU的博客-CSDN博客](#)
- 仿真专栏: [车辆自然驾驶轨迹数据集/交通流数据介绍\\_spatial\\_coder的博客-CSDN博客\\_交通流数据](#)
  - [SUMO交通仿真-核心概念和基础知识速览\\_spatial\\_coder的博客-CSDN博客\\_sumo 连通率](#)
- 其他
  - [sumo学习——sumo的路网介绍\\_wangxin\\_studying的博客-CSDN博客\\_sumo路网](#)
  - [\[code\] SUMO TraCI使用示例:TraCIpedCrossing\\_知行合一2018的博客-CSDN博客\\_sumo调用中-v true](#)
  - [\[code\] sumo traci 函数解析\(一\)\\_葛葛葛立鹏啊的博客-CSDN博客](#)

- Other

- 腾讯云
  - sumo专栏: <https://cloud.tencent.com/developer/column/74424>
- [\[code\]sumo专栏 SUMO 资料 | 文艺数学君](#)

## Video

- [【code】 https://youtu.be/zQH1n0Fvxes](#)
- [【SUMO软件基本教学】 https://www.bilibili.com/video/BV1H7411F76B](#)
- [【SUMO中文视频教程系列01-03（持续更新中）】 https://www.bilibili.com/video/BV1st411K7dw](#)
- [【SUMO教学视频1-netconvert的使用】 https://www.bilibili.com/video/BV1Y3411t7Mb](#)
- [【东大 TLab Seminar SUMO应用简介】 https://www.bilibili.com/video/BV1Fr4y1A75t](#)
- [【sumo网络建模经验分享】 https://www.bilibili.com/video/BV1wX4y1g7jz](#)

- 【sumo与python的智能交通编程开发-红绿灯优化】  
<https://www.bilibili.com/video/BV1oT41157ok>