## veccat

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This file is part of CasADi.

CasADi -- A symbolic framework for dynamic optimization.

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## 1 veccat

C = MX.sym("C")

```
[1]: from casadi import *
from numpy import *

[2]: A = MX.sym("A",2)  # Here a matrix
B = MX.sym("B",2,1)  # There a matrix
```

# And an other little matrix

```
[3]: L = veccat(A,B,C,D) print(L)
```

D = MX.sym("D",Sparsity.lower(4)) # Triangular matrix

vertcat(A, B, C, vec(D))