SFML

* [Main Page](http://docs.google.com/index.htm)
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* [include](http://docs.google.com/dir_f3190241575fd2bd132a392ae6942f4a.htm)
* [SFML](http://docs.google.com/dir_692f376662c82a26cfe4cfa3aceebe24.htm)
* [Graphics](http://docs.google.com/dir_aaa96c3797a59111c2945d0d638ce5cf.htm)

ConvexShape.hpp

1

2 //

3 // SFML - Simple and Fast Multimedia Library

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5 //

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22 //

24

25 #ifndef SFML\_CONVEXSHAPE\_HPP

26 #define SFML\_CONVEXSHAPE\_HPP

27

29 // Headers

31 #include <SFML/Graphics/Export.hpp>

32 #include <SFML/Graphics/Shape.hpp>

33 #include <vector>

34

35

36 namespace sf

37 {

[42](http://docs.google.com/classsf_1_1ConvexShape.htm) class SFML\_GRAPHICS\_API [ConvexShape](http://docs.google.com/classsf_1_1ConvexShape.htm) : public [Shape](http://docs.google.com/classsf_1_1Shape.htm)

43 {

44 public :

45

52  explicit [ConvexShape](http://docs.google.com/classsf_1_1ConvexShape.htm)(unsigned int pointCount = 0);

53

64  void setPointCount(unsigned int count);

65

74  virtual unsigned int getPointCount() const;

75

91  void setPoint(unsigned int index, const [Vector2f](http://docs.google.com/classsf_1_1Vector2.htm)& point);

92

105  virtual [Vector2f](http://docs.google.com/classsf_1_1Vector2.htm) getPoint(unsigned int index) const;

106

107 private :

108

110  // Member data

112  std::vector<Vector2f> m\_points;

113 };

114

115 } // namespace sf

116

117

118 #endif // SFML\_CONVEXSHAPE\_HPP

119

120

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