



# Exemplos Stored Procedures

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# [ Exemplo Básico ]

```
CREATE PROCEDURE pAuthors
AS SELECT au_fname, au_lname
FROM authors ORDER BY au_lname DESC

EXEC pAuthors

EXEC sp_helptext pAuthors

EXEC sp_depends pAuthors
```

# Grupos de Procedimientos

```
CREATE PROC group_sp;1
```

```
AS SELECT * FROM authors
```

```
GO
```

```
CREATE PROC group_sp;2
```

```
AS SELECT au_lname FROM authors
```

```
GO
```

```
CREATE PROC group_sp;3
```

```
AS SELECT DISTINCT city FROM authors
```

```
GO
```



# [ Grupos

```
EXEC group_sp;3
```

```
DROP PROCEDURE dbo.group_sp
```

# [ Com Parâmetros ]

```
CREATE PROCEDURE scores
@score1 smallint, @score2 smallint,
@score3 smallint, @score4 smallint,
@score5 smallint, @myAvg smallint OUTPUT
AS SET @myAvg =
(@score1 + @score2 + @score3 + @score4
+ @score5) / 5
```

# [ Com Parâmetros Referenciados ]

```
DECLARE @AvgScore smallint
```

```
EXEC scores
```

```
@score1 = 10, @score3 = 9,
```

```
@score2 = 8, @score4 = 8,
```

```
@score5 = 10, @myAvg = @AvgScore
```

```
OUTPUT
```

```
SELECT 'The average score is: ',
```

```
@AvgScore
```

```
GO
```



# [ Com Retorno

```
CREATE PROC MyReturn
  @t1 smallint, @t2 smallint, @retval smallint
AS SET @retval = @t1 + @t2
RETURN @retval

DECLARE @myReturnValue smallint
EXEC @myReturnValue = MyReturn 9, 9, 0
SELECT 'The return value is: ',
       @myReturnValue
```

# [ Com Recompilação ]

```
CREATE PROCEDURE MyRecompileProc  
WITH RECOMPILE  
AS SELECT * FROM authors  
ORDER BY au_lname
```

```
EXEC pAuthors  
WITH RECOMPILE
```

```
EXEC sp_recompile authors
```





# [ Com Encriptação

```
CREATE PROC encrypted_proc  
WITH ENCRYPTION  
AS SELECT * FROM authors
```