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This kit installs the latest Spatial and Graph - RDF Semantic Graph components on an Oracle Database 12.1.0.1.0 installation. Detailed step-by-step instructions are given below. Note that the installation instructions below will also work if there is an existing 12.1.0.1.0 RDF Semantic Graph installation.

Step-by-step instructions for a new installation

1. Backup any existing sdordf.jar

```
[user5@system10 user5]$ cd $ORACLE_HOME/md/jlib/  
[user5@system10 jlib]$ mv sdordf.jar sdordf.jar_backup
```

2. Unzip the kit

```
[user5@system10 jlib]$ cd /home/user5/  
[user5@system10 user5]$ unzip rdf_semantic_graph_12_1_01.zip  
Archive:  rdf_semantic_graph_12_1_01.zip  
  creating: rdf_semantic_graph_12_1_01/  
  creating: rdf_semantic_graph_12_1_01/SQL/  
inflating: rdf_semantic_graph_12_1_01/SQL/sdosempatch.sql  
inflating: rdf_semantic_graph_12_1_01/SQL/sdoseminfib.plb  
inflating: rdf_semantic_graph_12_1_01/SQL/catsem10i.sql  
inflating: rdf_semantic_graph_12_1_01/SQL/semvmrecreate.sql  
inflating: rdf_semantic_graph_12_1_01/SQL/sdordfr2rh.sql  
inflating: rdf_semantic_graph_12_1_01/SQL/semdbmig.sql  
..... omitted ...  
inflating: rdf_semantic_graph_12_1_01/readme.txt  
  creating: rdf_semantic_graph_12_1_01/JAVA/  
inflating: rdf_semantic_graph_12_1_01/JAVA/sdordf.jar
```

3. Copy sdordf.jar from the kit JAVA directory to \$ORACLE_HOME/md/jlib

```
[user5@system10 user5]$ cd rdf_semantic_graph_12_1_01/JAVA/  
[user5@system10 JAVA]$ cp sdordf.jar $ORACLE_HOME/md/jlib/
```

4. Run catsem.sql from the kit SQL directory (i.e., ./rdf_semantic_graph_12_1_01/SQL)

```
[user5@system10 JAVA]$ cd /home/user5/rdf_semantic_graph_12_1_01/SQL/  
[user5@system10 SQL]$ sqlplus / as sysdba;
```

SQL*Plus: Release 12.1.0.1.0 Production on Thu Feb 20 11:10:29 2014

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Oracle Database 12c Enterprise Edition Release 12.1.0.1.0 - 64bit
Production
With the Partitioning, Oracle Label Security, Advanced Analytics and
Real Application Testing options

SQL> @ catsem.sql

Session altered.

Session altered.

PL/SQL procedure successfully completed.

No errors.
..... omitted ...

Commit complete.

Session altered.

Session altered.

SQL> quit

5. Verify the installation.

[user5@system10 SQL]\$ sqlplus / as sysdba

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Production

With the Partitioning, Oracle Label Security, Advanced Analytics and Real Application Testing options

```
SQL>
```

```
-- verify the status of the installation
```

```
select * from MDSYS.RDF_PARAMETER where ATTRIBUTE = 'SEM_VERSION';
```

NAMESPACE	ATTRIBUTE	VALUE	DESCRIPTION
MDSYS	SEM_VERSION	12.1.0.1.0_P1	VALID

```
SQL> quit
```