

# GET ddl/database/:db/table/:table/ partition/:partition

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## 1 Description

Describe a single partition in an HCatalog table.

## 2 URL

`http://www.myserver.com/templeton/v1/ddl/database/:db/table/:table/partition/:partition`

## 3 Parameters

Name	Description	Required?	Default
<b>:db</b>	The database name	Required	None
<b>:table</b>	The table name	Required	None
<b>:partition</b>	The partition name, col_name='value' list. Be careful to properly encode the quote for http, for example, country=%27algeria%27.	Required	None

## 4 Results

Name	Description
<b>database</b>	The database name
<b>table</b>	The table name
<b>partition</b>	The partition name
<b>partitioned</b>	True if the table is partitioned
<b>location</b>	Location of table
<b>outputFormat</b>	Output format
<b>columns</b>	list of column names, types, and comments
<b>owner</b>	The owner's user name
<b>partitionColumns</b>	List of the partition columns
<b>inputFormat</b>	Input format

## 5 Example

### Curl Command

```
% curl -s \  
'http://localhost:50111/templeton/v1/ddl/database/default/table/mytest/partition/  
country=%27US%27?user.name=ctdean'
```

### JSON Output

```
{  
  "partitioned": true,  
  "location": "hdfs://ip-10-77-6-151.ec2.internal:8020/apps/hive/warehouse/mytest/loc1",  
  "outputFormat": "org.apache.hadoop.hive.ql.io.RCFileOutputFormat",  
  "columns": [  
    {  
      "name": "i",  
      "type": "int"  
    },  
    {  
      "name": "j",  
      "type": "bigint"  
    },  
    {  
      "name": "ip",  
      "comment": "IP Address of the User",  
      "type": "string"  
    }  
  ],  
  "owner": "rachel",  
  "partitionColumns": [  
    {  
      "name": "country",  
      "type": "string"  
    }  
  ],  
  "inputFormat": "org.apache.hadoop.hive.ql.io.RCFileInputFormat",  
  "database": "default",  
  "table": "mytest",  
  "partition": "country='US'"  
}
```