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# Show All Tables

This function displays all the tables in the contest database.

## Connect to the Contest Database

```
db = connectToContestDatabase;  
  
fprintf('Today's date is %s\n', datestr(now,1));  
  
    Today's date is 31-Jan-2014  
  
getdbtables(db)
```

```
TABLE: awards  
    id  
    badge_id  
    contributor_id  
    contest_id  
    created_at  
    updated_at  
  
TABLE: badges  
    id  
    name  
    description  
    image_name  
    created_at  
    updated_at  
  
TABLE: codes  
    id  
    submission_id  
    body  
  
TABLE: comments  
    id  
    body  
    submission_id  
    contributor_id  
    created_at  
    updated_at  
  
TABLE: contests  
    id  
    title  
    internal  
    newsgroup_thread_url  
    statistics_url  
    welcome_message  
    instructions
```

*sample\_code\_url*  
*test\_suite\_id*  
*created\_at*  
*updated\_at*  
*private\_text*  
*contest\_type*

*TABLE: contributors*

*id*  
*profile\_id*  
*created\_at*  
*updated\_at*  
*type*  
*author*  
*email*

*TABLE: external\_admins*

*id*  
*contest\_id*  
*profile\_id*  
*created\_at*  
*updated\_at*

*TABLE: front\_pages*

*id*  
*contest\_news*  
*created\_at*  
*updated\_at*  
*general\_news*

*TABLE: messages*

*id*  
*contest\_id*  
*body*  
*created\_at*  
*updated\_at*

*TABLE: pages*

*id*  
*type*  
*contest\_id*  
*body*  
*created\_at*  
*updated\_at*

*TABLE: participants*

*id*  
*contest\_id*  
*profile\_id*  
*status*  
*user\_notes*  
*created\_at*  
*updated\_at*

TABLE: process\_locks

id  
process  
locked  
locker\_id  
created\_at  
updated\_at

TABLE: schema\_migrations

version

TABLE: submissions

id  
title  
status  
contest\_id  
contributor\_id  
submission\_id  
result  
cpu  
score  
scored\_at  
rank  
initial\_rank  
scoring\_engine\_id  
notify\_when\_scored  
created\_at  
updated\_at

TABLE: visibilities

id  
title  
description  
contest\_id  
contributor\_code\_visible  
contributor\_score\_visible  
public\_code\_visible  
public\_score\_visible  
created\_at  
updated\_at  
start\_time

TABLE: community\_profiles

profile\_id  
given\_name  
family\_name  
organization  
email\_address  
biography  
is\_suppress\_email  
is\_suppress\_organization  
image\_path  
status  
created\_at

```
        updated_at
        is_hide_email
        newsgroup_email
        is_suppress_country
        professional_interests
        aim_login
        msn_login
        yahoo_login
        icq_login
        latitude
        longitude
        country

query = 'SELECT ALL id,title FROM contests';
r = queryDatabase(db, query);

for i = 1:length(r)
    fprintf('%2d. %s\n',r{i,1},r{i,2})
end

1. Sensor Internal
2. Sensor
3. Binpack
4. Mars Surveyor
5. MATLAB Golf: Encryption
6. Ants
7. Peg Solitaire
8. Mastermind
9. Wiring
10. Blockbuster
11. Protein Folding
12. Moving Furniture
13. Gene Splicing
14. Army Ants
15. MATLAB Golf: Snake
16. Sudoku
17. Blackbox
18. Molecule
19. Trucking Freight
20. MATLAB Golf: Infection
21. Gene Sequencing
22. MATLAB Golf: Frequencies
23. MATLAB Golf: Palindrome
24. Gerrymandering
25. MATLAB Golf: Heaviest
26. MATLAB Golf: Pathfinder
27. Color Bridge
28. Concours de la Toussaint
29. Sailing Home Contest - MathWorkers' Edition
30. Sailing Home
31. Crossword-Internal
32. Crossword
33. Vines - The MathWorker's Edition
34. Vines
```

35. *Tiles Contest - MathWorkers' Edition*  
36. *Tiles Contest*  
37. *Knots Contest - MathWorkers' Edition*  
38. *Knots Contest*

close(db)

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