



| NewsMetadata |              |       |
|--------------|--------------|-------|
| nmid         | serial       | M, PK |
| nmname       | varchar(250) | M     |
| release_date | Date         | M     |
| sid          | int          | FK1   |
| source_link  | url          |       |

| Sources |              |       |
|---------|--------------|-------|
| sid     | serial       | M, PK |
| sname   | varchar(250) | M     |
| surl    | url          | M     |

| NewsMetadataTags |       |            |
|------------------|-------|------------|
| nmid             | int   | M, PK, FK1 |
| tid              | int   | M, PK, FK2 |
| percentage       | float |            |

| NewsPicture   |        |        |
|---------------|--------|--------|
| npid          | serial | M, PK  |
| picture       | blob   | M      |
| serial_number | int    |        |
| nmid          | int    | M, FK1 |

| NewsText      |               |        |
|---------------|---------------|--------|
| ntid          | serial        | M, PK  |
| text          | varchar(5000) | M      |
| serial_number | int           |        |
| nmid          | int           | M, FK1 |

| Tags  |             |       |
|-------|-------------|-------|
| tid   | serial      | M, PK |
| tname | varchar(20) | M     |

| User              |                  |       |
|-------------------|------------------|-------|
| uid               | serial           | M, PK |
| email             | varchar(150)     | M     |
| uname             | varchar(150)     | M     |
| registration_date | date             | M     |
| permissions       | premission_level | M     |

| UserTags |       |            |
|----------|-------|------------|
| uid      | int   | M, PK, FK1 |
| tid      | int   | M, PK, FK2 |
| likes    | float |            |

FK1

FK1

FK1

FK2

FK2

FK1

FK1