

# LibraryFeatures

A matrix of the features each individual language library supports.

use gui mode to edit without pain 😊

|                       | Lang Features    |        |            |         |         |            |         |       |              |            |       |            |     |      |       |
|-----------------------|------------------|--------|------------|---------|---------|------------|---------|-------|--------------|------------|-------|------------|-----|------|-------|
|                       | Protocol Support |        | Transports |         | Servers |            | Clients |       | OS Support   |            |       |            |     |      |       |
| Language              | Unions           | Binary | Dense      | Compact | JSON    | Frame d    | SSL     | Basic | Non-blocking | HTTP       | Basic | HTTP       | Win | OS X | Linux |
| Action Script 3 (as3) |                  |        |            |         |         |            |         |       |              |            |       |            |     |      |       |
| C Glib (c_glib)       |                  | 0.6    |            |         | 0.6     |            |         | 0.6   |              |            | 0.6   |            |     | 0.6  |       |
| C++(cpp)              |                  |        |            |         |         | 0.7        |         |       |              | 0.4        |       | THRIFT-757 |     |      |       |
| C# (csharp)           |                  |        |            | 0.5     |         | THRIFT-181 |         |       |              | THRIFT-322 |       |            |     |      |       |
| Erlang (erl)          |                  |        |            |         |         |            |         |       |              |            |       |            |     |      |       |
| Haskell (hs)          |                  |        |            |         |         |            |         |       |              |            |       |            |     |      |       |
| Java (java)           |                  | 0.2    | 0.2        | 0.2     | 0.2     | 0.5        | 0.2     | 0.2   | 0.4          | 0.2        |       |            |     |      |       |
| JavaScript (js)       |                  |        |            |         | 0.3     | 0.3        |         |       |              |            |       | 0.3        |     |      |       |
| Node.js (js:node)     |                  | 0.6    |            |         |         |            |         |       |              |            |       |            |     |      |       |
|                       |                  | 0.6    |            |         | 0.6     | 0.6        |         |       |              |            |       |            |     |      |       |
| Objective C (cocoa)   |                  |        |            |         |         |            |         |       |              |            |       |            |     |      |       |
| OCaml (ocaml)         |                  |        |            |         |         |            |         |       |              |            |       |            |     |      |       |
| Perl (perl)           |                  |        |            |         |         |            |         |       |              |            |       |            |     |      |       |
| PHP (php)             |                  |        |            | 0.9     |         |            |         |       |              |            |       |            |     |      |       |
| Python (py)           |                  |        |            |         | 0.7     |            |         |       |              |            |       |            |     |      |       |
| Ruby (rb)             |                  |        |            |         |         |            |         |       |              |            |       |            |     |      |       |
| Smalltalk(st)         |                  |        |            |         |         |            |         |       |              |            |       |            |     |      |       |

| Legend |                               |
|--------|-------------------------------|
| Color  | Description                   |
| green  | available since version X.X   |
| orange | patch available (JIRA-Ticket) |
| yellow | planned for version X.X       |
| white  | unknown                       |
| red    | won't fix (JIRA-Ticket)       |