

# Rudel Reference Card

<http://rudel.sourceforge.net>

(for Rudel version 0.2 of September 2009)

## Key Bindings

All key bindings are only available when the global Rudel minor mode is active. See "Minor Modes" below.

## Hosting and Joining

Join a Rudel session	C-c c j
Leave a Rudel session	C-c c e
Host a Rudel session	C-c c h

## In a Session

The following commands are available once a Rudel session has been joined:

Change color	C-c c c
Create and publish document for buffer	C-c c p
Subscribe to a document	C-c c s

The following commands are only available if the current buffer has an associated document (achieved by publishing or subscribing):

Detach buffer from document (unsubscribe)	C-c c u
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## Minor Modes

### Global Rudel Minor Mode

The global Rudel minor mode `global-rudel-minor-mode` is responsible for installing the Rudel menu and keymap.

### Participants in Header Line

The mode (`rudel-header-subscriptions-minor-mode`) shows subscribed users in the header line of the buffer.

The associated global mode (`global-rudel-header-subscriptions-mode`) turns the mode on or off in all suitable buffers.

### Buffer Status in Mode Line

The mode (`rudel-mode-line-publish-state-minor-mode`) shows the publication state of the buffer in its mode line (P: published, -: not published)

The associated global mode (`global-rudel-mode-line-publish-state-mode`) turns the mode on or off in all suitable buffers.

## Backends

In Rudel, various kinds of backends are used to provide multiple pluggable implementations of functionalities like communication protocols, network transport, session initiation and parts of the user interface.

## Protocol

### Obby

This backend implements the obby protocol used by the Gobby collaborative editor until (including) version 4.9.

### Session Initiation

#### Zeroconf

The Zeroconf backends discovers collaboration sessions which are advertised using, well Zeroconf. Currently, it works for Rudel (obby backend) and Obby servers.

## Examples

### Joining a Session with the obby backend

#### Without Zeroconf Discovery

```
C-c c j
Server:  SERVER RET
Port (default 6522):  RET
Username:  NAME RET
Color:  COLOR RET
(use bright colors like yellow)
When connecting to a Rudel server:
- Use Encryption (yes or no):  NO RET
When connecting to a Gobby server:
- Use Encryption (yes or no):  YES RET
Global Password:  PASSWORD RET
This password controls access to the session; just RET for none
User Password:  PASSWORD RET
This password prevents name stealing; just RET for none
```

#### With Zeroconf Discovery

```
C-c c j
Choose Session:  Zeroconf advertised session "NAME"RET
(Note: by choosing "ask-protocol" here, you can still get the above behavior)
Username:  NAME RET
Color:  COLOR RET
Global Password:  PASSWORD RET
User Password:  PASSWORD RET
```

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for Rudel version 0.2 (September 2009)

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