

| Etherpad |
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| <div>- type: Type</div> <div>- options: Object</div> <div>- defaultOptions: Object</div> <div>- client: EtherpadClient</div> <div>- content: Content</div> |
| <div>+ <u>prepareOptions</u> (options: Object, etherpadOpts: Object, server: String) : Object</div> <div>+ options (options, value) : Object</div> <div>+ getType () : Type</div> <div>+ getClient () : EtherpadClient</div> <div>- initEditor (contents, apool) : Etherpad</div> <div>- initChangeset (contents) : String</div> |

| EtherpadClient |
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| <div>- etherpad: Etherpad;</div> <div>- msgHandlers: Object</div> <div>- defaultUrl: String</div> |
| <div>+ connect () : EtherpadClient</div> <div>+ onInit (handler: Function) : EtherpadClient</div> <div>+ registerMessageHandler (msg: String, handler: Function) : EtherpadClient</div> <div>+ unregisterMessageHandler (msg: String, handler: Function) : EtherpadClient</div> <div>- handleMessage(response: Object) : EtherpadClient</div> <div>- init(data: Object) : EtherpadClient</div> <div>- sendClientReady() : EtherpadClient</div> <div>- socketIoOptions () : Object</div> <div>- url () : String</div> |

| EtherpadContent |
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| <div>- client: EtherpadClient</div> <div>- localCaret: Caret</div> <div>- typeContent: Content</div> <div>- root: Element</div> |
| <div>+ updateContent (data: Object) : EtherpadContent</div> <div>+ applyChangeset (changesetString: String, apool: Object) : EtherpadContent</div> |

| EtherpadUtil |
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| <div>+ <u>nl2br</u> (str: String)</div> <div>+ <u>getRandomToken</u> () : String</div> |

| EtherpadChangeset |
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| <div>- stack: Array</div> <div>- changesetRegex : RegExp</div> |
| <div>+ <u>fromString</u> (str: String, apool: Object, base: String) : EtherpadChangeset</div> <div>+ getString (base: String) : String</div> <div>+ apply (content: Content, localCaret: Caret) : EtherpadChangeset</div> <div>+ addString (str: String, apool: Object, base: String) : EtherpadChangeset</div> <div>+ getStack () : Array</div> <div>- getNilIndices (str: String) : Array</div> <div>- addMatchToStack (offset: Number, charbank: String, match: Object, apool: Object, nilIndices: Array) : EtherpadChangeset</div> <div>- createFromMatch (offset: Number, charbank: String, match: Object, apool: Object) : ChangesetChange</div> <div>- operationOrMovement (offset: Number, charbank: String, match: Object, apool: Object) : ChangesetChange</div> <div>- mergeOrPush (change: ChangesetChange) : EtherpadChangeset</div> <div>- parseMatch (match: Object) : Object</div> <div>- getAttributesFromMatch (match: Object, apool: Object) : Object</div> <div>- getCharbank (str: String) : String</div> |

| ChangesetSerializer |
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| <div>- operations: Array</div> |
| <div>+ getString (base: String) : String</div> <div>- baseLengthString (base: String) : String</div> <div>- lengthChangeString () : String</div> <div>- operationString (operation: Change, prev: Change) : String</div> <div>- charbankString () : String</div> <div>- operationCharbankString (operation: Change) : String</div> <div>- offsetString (operation: Change, prev: Change) : String</div> <div>- lengthFor (base: String) : Number</div> <div>- countLengthChange () : Number</div> <div>- getOperations (changeset: String) : Array</div> <div>- compareOperations (a: Change, b: Change): Number</div> |

| Change |
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| <div>+ op : String</div> |
| <div>+ <u>fromMatch</u> (match: Object) : Change</div> <div>+ apply (content, localCaret) : Change</div> <div>+ mergable (that: Change) : Boolean</div> <div>+ merge (that: Change) : Change</div> <div>+ getCharbank () : String</div> <div>+ getOperation () : String</div> <div>+ getLength () : Number</div> |

| InsertionChange |
|---|
| <div>+ start: Number</div> <div>+ length: Number</div> <div>+ end: Number</div> <div>+ text: String</div> |
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| RemovalChange |
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| <div>+ start: Number</div> <div>+ length: Number</div> <div>+ end: Number</div> |
| <div>+ <u>fromMatch</u> (offset: Number, match: Object) : RemovalChange</div> |

| FormattingChange |
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| <div>+ start: Number</div> <div>+ length: Number</div> <div>+ end: Number</div> <div>+ command: String</div> <div>- tagMap: Object</div> |
| <div>+ <u>fromAttrs</u> (attrs: Array, offset: Number, match: Object) : FormattingChange</div> |
| MovementChange |
| <div>+ delta: Number</div> <div>+ absolute: Number</div> |
| <div>+ <u>fromOffsetObject</u> (offset: Object, match: Object) : FormattingChange</div> |