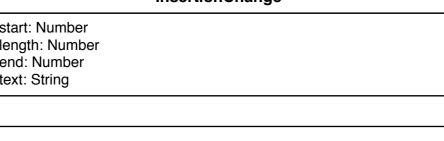
#### Etherpad EtherpadChangeset stack: Array + op : String type: Type options: Object changesetRegex: RegExp defaultOptions: Object + fromString (str: String, apool: Object, base: String) : EtherpadChangeset client: EtherpadClient + getString (base: String) : String content: Content + apply (content: Content, localCaret: Caret): EtherpadChangeset + addString (str: String, apool: Object, base: String) : EtherpadChangeset + prepareOptions (options: Object, etherpadOpts: Object, server: String): Object + options (options, value) : Object + getStack () : Array + getType (): Type getNIIndices (str: String) : Array + getClient (): EtherpadClient addMatchToStack (offset: Number, charbank: String, match: Object, apool: Object, initEditor (contents, apool): Etherpad nlIndices: Array): EtherpadChangeset initChangeset (contents): String - createFromMatch (offset: Number, charbank: String, match: Object, apool: Object): ChangesetChange + start: Number operationOrMovement (offset: Number, charbank: String, match: Object, apool: + length: Number **EtherpadClient** Object): ChangesetChange + end: Number mergeOrPush (change: ChangesetChange): EtherpadChangeset etherpad: Etherpad; + text: String parseMatch (match: Object): Object msgHandlers: Object getAttributesFromMatch (match: Object, apool: Object) : Object defaultUrl: String getCharbank (str: String): String + connect (): EtherpadClient + onInit (handler: Function) : EtherpadClient ChangesetSerializer + registerMessageHandler (msg: String, handler: Function) : EtherpadClient + start: Number + unregisterMessageHandler (msg: String, handler: Function): EtherpadClient operations: Array handleMessage(response: Object): EtherpadClient + end: Number init(data: Object) : EtherpadClient + getString (base: String) : String sendClientReady(): EtherpadClient baseLengthString (base: String): String socketloOptions (): Object lengthChangeString (): String url (): String operationString (operation: Change, prev: Change): String charbankString (): String operationCharbankString (operation: Change): String **EtherpadContent** offsetString (operation: Change, prev: Change): String lengthFor (base: String): Number client: EtherpadClient countLengthChange (): Number + end: Number localCaret: Caret getOperations (changeset: String): Array typeContent: Content compareOperations (a: Change, b: Change): Number root: Element + updateContent (data: Object) : EtherpadContent + applyChangeset (changesetString: String, apool: Object): EtherpadContent **EtherpadUtil** + delta: Number + nl2br (str: String) + getRandomToken (): String

## + fromMatch (match: Object) : Change + apply (content, localCaret): Change + mergable (that: Change) : Boolean + merge (that: Change) : Change + getCharbank (): String + getOperation (): String + getLength (): Number InsertionChange

Change



RemovalChange

# + length: Number + fromMatch (offset: Number, match: Object): RemovalChange

### **FormattingChange** + start: Number + length: Number + command: String tagMap: Object

+ fromAttrs (attrs: Array, offset: Number, match: Object) : FormattingChange

### MovementChange

- + absolute: Number
- + fromOffsetObject (offset: Object, match: Object) : FormattingChange