

Entry point and general rules of the grammar

`<comment>` ::= `<text>` `<signature>`
`<text>` ::= (`<char>` - '[' - '(')* (`not`[`<signature>` `<comment_ending>`] ('[' | '(') `<text>`)?
`<signature>` ::= '('? `<user>` `<date>` ')?;
`<comment_ending>` ::= ('.' | ';')* (`eol` | `eoi`)

Date extraction (e.g. 04:29, 22 Oct 2004 (UTC))

`<date>` ::= `<hour_and_second>` ',' (`<day_month_year>` | `<month_day_year>` | `<year_month_day>`) ' (UTC)'
`<hour_and_second>` ::= `<int>` ':' `<int>`
`<day_month_year>` ::= `<int>` (`<long_month_str>` | `<short_month_str>`) `<int>`
`<year_month_day>` ::= `<int>` (`<long_month_str>` | `<short_month_str>`) `<int>`
`<month_day_year>` ::= (`<long_month_str>` | `<short_month_str>`) `<int>` ',' `<int>`
`<short_month_str>` ::= 'Jan' | 'Feb' | 'Mar' | 'Apr' | 'May' | ...
`<long_month_str>` ::= 'January' | 'February' | 'March' | 'April' | 'May' | ...

User extraction (e.g. [[User:Ianmckeachie|Ianmckeachie]] [[User talk:Ianmckeachie|talk]])

`<user>` ::= (`<username_link>` | `<ip_adress_username_link>`) `<talk_link>`
`<username_link>` ::= ('[[User:]' | '[[user:]') (`<char>` - '|' - ']')+ ('|' (`<char>` - ']')+)? ']]'
`<ip_adress>` ::= (`<digit>` | '.')+
`<ip_adress_username_link>` ::= '[[Special:Contributions/' `<ip_adress>` (|) `<ip_adress>`)? ']]'
`<talk_link>` ::= '('? ('[[User talk:]' | '[[user talk:]') (`<char>` - '|' - ']')+ ('|' 'talk')? ']]' ')'