

Allowed Concerns: srcFacts, srcML, XML, Parsing	
Concern	srcfacts.cpp#L443-L483
	443 // parse start tag
	444 assert(content.compare(0, "<"sv.size(), "<"sv) == 0);
	445 content.remove_prefix("<"sv.size());
	446 if (content[0] == ':') {
	447 std::cerr << "parser error : Invalid start tag name\n";
	448 return 1;
	449 }
	450 std::size_t nameEndPosition = content.find_first_of(NAMEEND);
	451 if (nameEndPosition == content.size()) {
	452 std::cerr << "parser error : Unterminated start tag '" << content.
	453 return 1;
	454 }
	455 size_t colonPosition = 0;
	456 if (content[nameEndPosition] == ':') {
	457 colonPosition = nameEndPosition;
	458 nameEndPosition = content.find_first_of(NAMEEND, nameEndPosition +
	459 }
	460 const std::string_view qName(content.substr(0, nameEndPosition));
	461 if (qName.empty()) {
	462 std::cerr << "parser error: StartTag: invalid element name\n";
	463 return 1;
	464 }
	465 [[maybe_unused]] const std::string_view prefix(qName.substr(0, colonPo
	466 const std::string_view localName(qName.substr(colonPosition ? colonPos
	467 TRACE("START TAG", "qName", qName, "prefix", prefix, "localName", loca
	468 bool inEscape = localName == "escape"sv;
	469 if (localName == "expr"sv) {
	470 ++exprCount;
	471 } else if (localName == "decl"sv) {
	472 ++declCount;
	473 } else if (localName == "comment"sv) {
	474 ++commentCount;
	475 } else if (localName == "function"sv) {
	476 ++functionCount;
	477 } else if (localName == "unit"sv) {
	478 ++unitCount;
	479 } else if (localName == "class"sv) {
	480 ++classCount;
	481 }
	482 content.remove_prefix(nameEndPosition);
	483 content.remove_prefix(content.find_first_not_of(WHITESPACE));

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Concern	<u>srcfacts.cpp#L293-L302</u>
	293 // refill content preserving unprocessed
	294 int bytesRead = refillContent(content);
	295 if (bytesRead < 0) {
	296 std::cerr << "parser error : File input error\n";
	297 return 1;
	298 }
	299 if (bytesRead == 0) {
	300 doneReading = true;
	301 }
	302 totalBytes += bytesRead
Concern	<u>srcfacts.cpp#L558-L566</u>
	558 std::size_t valueEndPosition = content.find(delimiter);
	559 if (valueEndPosition == content.npos) {
	560 std::cerr << "parser error : attribute " << qName << " missing del
	561 return 1;
	562 }
	563 const std::string_view value(content.substr(0, valueEndPosition));
	564 if (localName == "url"sv)
	565 url = value;
	566 TRACE("ATTRIBUTE", "qname", qName, "prefix", prefix, "localName", loca
Concern	<u>srcfacts.cpp#L327-L334</u>
	327 // parse character non-entity references
	328 assert(content[0] != '<' && content[0] != '&')
	329 std::size_t characterEndPosition = content.find_first_of("<&")
	330 const std::string_view characters(content.substr(0, characterEndPositi
	331 TRACE("CHARACTERS", "characters", characters)
	332 loc += static_cast<int>(std::count(characters.cbegin(), characters.cen
	333 textSize += static_cast<int>(characters.size())
	334 content.remove_prefix(characters.size())