

### 3.7.14 Summary

%define	Value	Languages				Purpose
		C	C++	D	Java	
<b>api.filename.type</b>	{}		•			Type of file names for location/position
<b>api.header.include</b>	{“”}	•				Generated parser include generated header
<b>api.header.include</b>	{<>}	•				Generated parser include generated header
<b>api.location.file</b>	“”		•			Name of file location/position data
<b>api.location.file</b>	enum		•			Name of file location/position data
<b>api.location.include</b>	{“”}		•			Name of location/position include file
<b>api.location.include</b>	{<>}		•			Name of location/position include file
<b>api.location.type</b>	{}	•	•	•		Location type (struct)
<b>api.namespac</b>	{}		•			Parser namespace
<b>api.parser.class</b>	{}		•	•	•	Parser class name
<b>api.prefix</b>	{}		•		•	Rename exported symbols <prefix>_name
<b>api.pure</b>	enum	•				Type of parser to generate
<b>api.push-pul</b>	enum	•		•	•	Type of parser to generate
<b>api.symbol.prefix</b>	{}					Rename non-terminal symbols <prefix>_name
<b>api.token.constructor</b>	boolean		•	•		Sumbol handling
<b>api.token.prefix</b>	{}	•	•	•	•	Rename token names <prefix>_name
<b>api.token.raw</b>	boolean	•	•	•	•	Use remap table
<b>api.value.automove</b>	boolean	•				Use move semantics in code blocks
<b>api.value.type</b>	enum	•	•	•	•	Token value type
<b>api.value.type</b>	{}	•	•	•	•	Token value type
<b>api.value.union.name</b>	string	•				Union name
<b>lr.default-reduction</b>	enum	•	•	•	•	Default reduction states
<b>lr.keep-unreachable</b>	boolean	•	•	•	•	Retain unusable reductions in LALR(1) table
<b>lr.type type</b>	enum	•	•	•	•	Type of parser tables to generate
<i>namespace</i>	{}					Obsolete
<b>parse.assert_</b>	boolean	•	•			Generate runtime checkintg assertions

### 3.7.14 Summary

%define	Value	Languages				Purpose
		C	C++	D	Java	
<b>parse.error</b>	enum	•	•	•	•	Amount of detail in Bison diagnostic messages
<b>parse.lac</b>	enum	•	•			Enable lookahead correction during parsing
<b>parse.trace</b>	boolean	•	•	•	•	Insert execution trace code in generated parser
<i>parser_class_name</i>						obsolete

#### Legend

%define	Directive name	
Value	Required parameter to directive	
	boolean	Boolean value (true, false)
	enum	Enumerated value
	string	Unquoted string
	“”	Quoted string
	{}	Value to be inserted into the generated parser
	{“”}	Quoted string to be inserted into the generated parser
	{<>}	System include file to be inserted into the generated parser
Languages	Supported languages directive can be used in	
Purpose	Summary or purpose of directive	