English Title:	**Eiffel Analysis, Design and Programming Language**		
French Title:	**Analyse Eiffel, concept et langage de programmation**		

Document reference:	**ISO/IEC DIS 25436**	Committee:	**ISO/IEC/JTC 1/SC 22**
Start date:	2005-09-06	End date:	2006-02-06
Opened by ISO/CS on:	2005-09-02 10:46	Closed by ISO/CS on:	2006-02-08 01:01

		Voting stage:	Enquiry
Status:	Closed	Version:	1
Vote in parallel with:			
Role:	ContentOwner	Organization:	ANSI
Note:			

Result of voting

P-Members voting: 9 in favour out of 10 = 90% (requirement >= 66.66%)

(P-Members having abstained are not counted in this vote.)

Member bodies voting: 1 negative votes out of 16 = 6.25% (requirement <= 25%)

Approved

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Type	Country ⌃	Member	Participation	Voted	Functions	M
	Australia	SA	P Member	Abstention	▾	2005-
	Belgium	IBN	P Member		▾	2006-
	Canada	SCC	P Member	Abstention	▾	2005-
	China	SAC	P Member	Approval	▾	2006-
	Czech Republic	CNI	P Member	Approval	▾	2006-
	Denmark	DS	P Member	Abstention	▾	2006-
	Egypt	EOS	O Member	Approval	▾	2005-
	Finland	SFS	P Member	Abstention	▾	2006-
	France	AFNOR	P Member	Abstention	▾	2006-

	Country	Body	Membership	Vote		Date
	Germany	DIN	P Member	Abstention	▾	2006-
	Iran, Islamic Republic of	ISIRI	P Member	Approval	▾	2006-
	Ireland	NSAI	P Member	Approval	▾	2006-
	Italy	UNI	P Member	Approval	▾	2006-
	Japan	JISC	P Member	Abstention	▾	2006-
	Kenya	KEBS	P Member	Approval	▾	2006-
	Korea, Dem. P. Rep. of	CSK	O Member	Approval	▾	2006-
	Korea, Republic of	KATS	P Member	Approval	▾	2006-
	Luxembourg	SEE	O Member	Approval	▾	2006-
	Malaysia	DSM	P Member	Abstention	▾	2006-
	Netherlands	NEN	P Member	Abstention	▾	2006-
	New Zealand	SNZ	P Member	Approval	▾	2006-
	Norway	SN	P Member	Abstention	▾	2006-
	Russian Federation	GOST R	O Member	Approval	▾	2006-
	Saudi Arabia	SASO	P Member	Abstention	▾	2005-
	Singapore	SPRING SG	P Member	Abstention	▾	2005-
	South Africa	SABS	P Member	Abstention	▾	2005-
	Spain	AENOR	O Member	Approval	▾	2006-
	Sweden	SIS	O Member	Abstention	▾	2005-
	Switzerland	SNV	P Member	Abstention	▾	2006-
	Ukraine	DSSU	O Member	Approval	▾	2006-
	United Kingdom	BSI	P Member	Disapproval	▾	2006-
	USA	ANSI	Secretariat	Approval with comments	▾	2006-
		ECMA INTERNATIONAL		Comment Only	▾	2006-

Template for comments and secretariat observations

	Date: 2006-02-03	Document: ISO/IEC DIS 25436 (Eiffel Language)

1	2	(3)	4	5	(6)	(7)
MB[1]	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment[2]	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
FR				Lack of ressources		
FR						
NL			G	Lack of experts		NL
US						
US						
UK-1	General		Te	The UK NB believes that there is no discernible interest in Eiffel by UK industry, and thus this standard would have no market relevance and is of no economic interest. Further, it is our impression that interest in a standard for Eiffel is so weak generally that, were this work to have been submitted through the full JTC1 procedures rather than through the fast track process, the work item would never have been accepted onto the programme of work		
US	8.5.11		ed	The name **query** is unfortunate, because of its use in other contexts. Perhaps a better word can be found.	**Evaluation** is probably a better word. It conveys the idea that the evaluee is unmodified.	
US	8.5.18		te	Why is this validity clause not tagged in the way that 8.5.7, for example, is?	Insert appropriate validity code	
US	8.7.3, 8.7.5		ed	It seems strange that these clauses are in this order; doesn't simple come before any of the others.	Reorder the clauses.	
US	8.7.11		ed	In item 1. "element" not "elements".	Remove trailing "s"	
US	8.7.14		ed	Thus, a feature that is to be selectively available must know all future classes that might be created that can use	Add informative text to elucidate this.	

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ISO electronic balloting commenting template/version 2001-10

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				it. Doesn't this restrict reuse?		
US	8.8.5		ed	We really need more cross referencing. **Once** should be cross referenced here to its semantics, if present.	Insert Cross reference	
US	8.8.5		ed	A cross reference to External is needed.	Provide cross reference (8.31.1)	
US	8.10.4		ed	In the informative text. Last sentence "avoids" instead of "avoid"	Add s to avoid.	
US	8.10.24		ge	Does this mean that a class all of whose features are effective can still be declared **deferred** or is this forbidden?	Clarify.	
US	8.16.2		ed	I don't think this actually says what you want. You want to specify that the inheritance "chains" are distinct.	Clarify that the two ancestors must not themselves be related by inheritance.	
US	8.16.5, 8.16.13		ed	Neither of these rules have labels	Label the rules	
US	8.16.12		ed	Reference the Join semantics rule (9.10.29).	Insert reference	
US	8.19.13		ge	Item 1 seems unnecessary. Adding a Feature_Name again should not matter.		
Ecma	8.20	8.20.17, 8.20.22	te	**Comment number**: ECMA-Eiffel-001 Missing description about Eiffel implementations having to provide garbage collection.	In 8.20.17 and 8.20.22, make "not enough memory available" a link to a new definition paragraph 8.20.23 which states the following: Authors of Eiffel implementation are required to provide garbage collection, defined as a mechanism that can reuse for allocating new objects the memory occupied by unreachable objects, guaranteeing the following two properties: - Consistency: the garbage collector never reclaims an object unless it is unreachable. - Completeness: no allocation request for an object of a certain size s will fail if there exists an unreachable object of size >= s. "not enough memory available" for a certain size s means that even after possible application of the	F2F 12/18/2005

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| **Template for comments and secretariat observations** | | | | | Date: 2006-02-03 | Document: ISO/IEC DIS 25436 (Eiffel Language) | |

Ecma/TC39-TG4/2006/003

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					garbage collection mechanism the memory available to the program is not sufficient for allocating an object of size s.	
Ecma	8.5.15	2nd paragraph	ed	**Comment number**: ECMA-Eiffel-002 Typo from the original text.	Change "one or more spaces" by "one space"	F2F 12/18/2005
Ecma	8.5.21	Bullet 3 & 4	ed	**Comment number:** ECMA-Eiffel-003 It would be too restrictive if type were compared as is.	Change bullet 3 & 4 to: 3 -The type of c's first argument and the result type of q have the same deanchored form. 4 For every i in 1..n, the type of the i+1-st argument of c and the type of the i-th argument of q have the same deanchored form. Adapt informative text accordingly.	F2F 12/18/2005
Ecma	8.6.1		ed	**Comment number:** ECMA-Eiffel-004 Missing non-production syntactic rule for not allowing `end' in an empty Feature_adaptation to avoid possible syntactic ambiguity (e.g. "class A inherit B end" and "class A inherit B end end" would be the same.)	Add a new paragraph between 8.6.1 and 8.6.2: Syntax (non-production): Feature_adaptation rule: At least one of the components of the Feature_adaptation should be present.	F2F 12/18/2005
Ecma	8.4		te	**Comment number**: ECMA-Eiffel-005 Missing definition of frozen class	Add new paragraph between 8.4.7 and 8.4.8: Definition: frozen class: A class is frozen if its Class_header is of the frozen or expanded form.	F2F 12/18/2005
Ecma	8.6.1		ed	**Comment number**: ECMA-Eiffel-006 Make NONE compulsory for Non_conformance production rule to be consistent with export status on feature clause.	Change Non_conformance to: Non_conformance => "{" NONE "}"	F2F 12/18/2005
Ecma	8.9.28		te	**Comment number**: ECMA-Eiffel-007 Missing semantics case: empty Assertion.	Change 8.9.28 to: To evaluate an assertion consists of evaluating the	F2F 12/18/2005

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					boolean expression ("unfolded form" of the assertion) obtained by combining with and then, in order, the boolean expressions appearing in any non-comment Assertion_clause of the assertion, or, if there are no such expressions, returning True.	
Ecma	8.9.11		te	**Comment number**: ECMA-Eiffel-008 Missing the case where no query is changed.	Change 8.9.11 production rule to read: Only => only [Feature_list]	F2F 12/18/2005
Ecma	8.9.14		te	**Comment number**: ECMA-Eiffel-009 Missing the case where there is no Only clause in a routine.	Change 8.9.14 definition to read: Definition: Unfolded Only clause. The unfolded Only clause of a feature of a class C is a sequence of Assertion_clause components of the following form, one for every argument-less query q of C that does not appear in the unfolded feature list of the Only clause of its Postcondition if any: q = (old q) Then change 8.9.12 reference to "the unfolded forms of their Only clauses if any" by "their unfolded Only clauses".	F2F 12/18/2005
Ecma	8.9.13		te	**Comment number**: ECMA-Eiffel-010 VAON does not take into account that it is a query not appearing in the parent.	Change 8.9.13 into: Validity: Only Clause rule Validity code: VAON An Only clause of a Feature_list ql appearing in a Postcondition of a feature f of a class C is valid if and only if every Feature_name qn in ql satisfies the following conditions: 1 There is no other occurrence of qn in ql.	F2F 12/18/2005

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					2 qn is the final name of a query q of C, with no arguments. 3 If C redeclares f from a parent B, q is not a feature of B.	
Ecma	8.9.17		ed	**Comment number**: ECMA-Eiffel-011 Typo.	Replace "and" in bullet 1 of 8.9.17 with "and then". Replace "do$_r$" in bullet 2 of 8.9.17 with "do$_f$"	F2F 12/18/2005
Ecma	8.10.4 & 8.10.5		te	**Comment number**: ECMA-Eiffel-012 Capturing the wrong semantics for covariant-aware form.	Change 8.10.4 title to read: Definition: Covariance-aware form of an inherited assertion. Replace "assertion extension" with "inherited assertion" in first line of 8.10.4. Replace "implies" with "and then" in bullet 1 of 8.10.4. Replace ({x1: U1} y1 and … and {xn: Un} yn) with ({y1: U1} x1 and … and {yn: Un} xn) Replace "covariant-aware" with "covariance-aware" in first line of 8.10.4. Replace 8.10.5 with the following: Definition: Combined precondition, postcondition Consider a feature f redeclared in a class C. Let f1, … fn (n ≥ 1) be its versions in parents, pre1, …pren the covariance-aware forms of (recursively) the combined preconditions of these versions, and post1, … postn the covariance-aware forms of (recursively) their combined postconditions. Let pre be the precondition extension of f if defined	F2F 12/18/2005

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Template for comments and secretariat observations

			Date: 2006-02-03	Document: `ISO/IEC DIS 25436 (Eiffel Language)`

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					and not empty, otherwise False. Let post be the postcondition extension of f if defined and not empty, otherwise True. The combined precondition of f is the Assertion (pre1 or… or pren) or else pre The combined postcondition of f is the Assertion (old pre1 implies post1) and … and (old pren implies postn) and then post.	
Ecma	8.10.7		ed	**Comment number**: ECMA-Eiffel-013 Lack of precision	Update definition to: A class effects an inherited feature f if an only if it inherits f as deferred and contains a declaration for f, defining an effective feature.	Phone meeting 1/5/2006
Ecma	8.10.20		ed	**Comment number**: ECMA-Eiffel-014 Typo.	Change "Inheritance part" into "Parent part".	Phone meeting 1/5/2006
Ecma	8.10.21		te	**Comment number**: ECMA-Eiffel-015 Simpler form for definition	Replace bullet 1 of 8.10.21 with: C contains a declaration for f, whose Feature_body is not of the Deferred form.	Phone meeting 1/5/2006
Ecma	8.11.8		te	**Comment number**: ECMA-Eiffel-016 Missing type of Attachment_mark.	Replace bullet 2 of 8.11.8 with: If it has a "?" Attachment_mark, that class is not expanded.	Phone meeting 1/5/2006
Ecma	8.11.17 & 8.18.2		te	**Comment number**: ECMA-Eiffel-017 Removing duplicated definition.	Remove 8.11.17. Replace "constant type" with "stand-alone type" in bullet 6 of 8.18.2.	Phone meeting 1/5/2006

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Ecma/TC39-TG4/2006/003

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Ecma	8.11.18		te	**Comment number**: ECMA-Eiffel-018 Definition is missing recursion on generic parameters.	Replace bullet 2 by If T is like anchor where the type AT of anchor is not anchored: (recursively) the deanchored form of AT. Replace bullet 5 by: 5 If none of the previous cases applies: T, after replacement of every actual generic parameter, if any, by (recursively) its deanchored form.	Phone meeting 1/5/2006
Ecma	8.12.3		ed	**Comment number**: ECMA-Eiffel-019 Typo.	Replace "Formal_generics_part" in bullet 2 of 8.12.3 by "Formal_generics part".	Phone meeting 1/5/2006
Ecma	8.12.9		te	**Comment number**: ECMA-Eiffel-020 Missing the case of a constraint that is a Formal_generic or TUPLE. The proposed solution only addresses the case of Formal_generic.	Replace class NEW inherit T rename rename_list end (preceded by deferred if the base class of T is deferred) by class NEW inherit BT rename rename_list end (preceded by deferred if BT is deferred), where BT is the base type of T	Phone meeting 1/5/2006
Ecma	8.12.9		te	**Comment number**: ECMA-Eiffel-021 Missing rule for validity of names appearing in Constraint_creators.	Add bullet 3: Every name listed in the Constraint_creators is the generically constrained name of a procedure p of one of the corresponding constraining types.	Phone meeting 1/5/2006
Ecma	8.12.12		te	**Comment number**: ECMA-Eiffel-022 Missing condition for availability of creation procedures	At start of definition, after a "type", add "of base class C". After "creation procedures" in bullet 1, add "creation-available to C"	Phone meeting 1/6/2006

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Ecma	8.12.22		ed	**Comment number**: ECMA-Eiffel-023 Spurious text.	Replace bullet 2 by: If this is the case for two or more of the CONSTi, all the corresponding features are the same.	Phone meeting 1/6/2006
Ecma	8.12.23		te	**Comment number**: ECMA-Eiffel-024 Missing condition.	Replace "as parents and resolves any conflicts between potentially ambiguous features by renaming" by "as parents, with the given Renaming clause if any, and resolves any conflicts between potentially ambiguous features by further renaming"	Phone meeting 1/6/2006
Ecma	8.13.1, 8.14.11		te	**Comment number**: ECMA-Eiffel-025 Simplification.	Remove 'frozen' from production for Tuple_parameter_list. Remove informative text after 8.13.1. Replace bullet 3 of 8.14.11 by: For every element X of ts, the corresponding element of us conforms to X.	Phone meeting 1/6/2006
Ecma	8.14.3		te	**Comment number**: ECMA-Eiffel-026 Incorrect export condition.	Replace bullet 3 of 8.14.3 by: If SOURCE is expanded, its version of the function cloned from ANY is available to the current class.	Phone meeting 1/6/2006
Ecma	8.14.6		te	**Comment number**: ECMA-Eiffel-027 Remove limitation.	Remove "reference type" from bullet 5 in 8.14.6.	Phone meeting 1/6/2006
Ecma	8.14.7		Ed	**Comment number**: ECMA-Eiffel-028 Typo.	Replace `current types' by `base classes'.	Phone meeting 2/1/2006

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Ecma	8.15.7 & 8.15.8		Te	**Comment number**: ECMA-Eiffel-029 Missed the fact that a conversion type cannot involve anchors.	In 8.15.7 add a 8-th entry: SOURCE involves no anchored type. In 8.15.8 add a 8-th entry: TARGET involves no anchored type.	Phone meeting 2/1/2006
Ecma	8.15.9		Te	**Comment number**: ECMA-Eiffel-030 Consequence of comments # 29.	In first bullet of 8.15.9, replace `T' by `The deanchored form of T'.	Phone meeting 2/1/2006
Ecma	8.15.10		Te	**Comment number**: ECMA-Eiffel-031 Consequence of comments # 29.	In bullet 1 and 2 of 8.15.10, replace T and U by `the deanchored form of T' and `the deanchored form of U'.	Phone meeting 2/1/2006
Ecma	8.19.1		Ed	**Comment number**: ECMA-Eiffel-032 At runtime there are only stand-alone .	Replace: `of exactly one Class_or_tuple_type of the system' by `of exactly one stand-alone type of the system'	Phone meeting 2/1/2006
Ecma	8.19.4		Ed	**Comment number**: ECMA-Eiffel-033 Simplification.	Replace second paragraph of 8.19.4 by An object has copy semantics if and only if its generating type is expanded.	Phone meeting 2/1/2006
Ecma	8.19.10		Ed	**Comment number**: ECMA-Eiffel-034 Missing meaning of C, typo.	Rewrite the rule as: A Variable entity v in a class C is valid if an only if it satisfies one of the following conditions: 1 v is the final name of a variable attribute of C. 2 v is the name of a local variable of the immediately enclosing routine or agent.	Phone meeting 2/1/2006
Ecma	8.19.11		Te	**Comment number**: ECMA-Eiffel-035 Clarification for meaning of `formal', and missing requirement for creation procedure	Replace bullet 2 of 8.19.11 by: A self initializing formal parameter	Phone meeting 2/1/2006

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					Add at the end of bullet 3 of 8.19.11: available for creation.	
Ecma	8.19.16		Te	**Comment number**: ECMA-Eiffel-036 Missing case of attribute and incorrectness in using Result.	Replace `routine' in bullet 2 of 8.19.16 by `feature'. Replace `ep is Result' by `ep is an Assertion_clause containing Result'.	Phone meeting 2/1/2006
Ecma	8.21.1			**Comment number**: ECMA-Eiffel-037 Typo in routine's signatures. No need to compare other with Void, since other is attached.	In 8.21.1, fixed the signature as follows: Frozen default_is_equal (other: ANY): BOOLEAN Is_equal (other: ANY): BOOLEAN. Fixed symmetric postconditions to not compare other with Void.	Phone meeting 2/1/2006
US	8.21.6		te	If ELKS is not explicitly part of the standard, then these notions are undefined. If it is a part, it should be included.	Omit or make into informative text	
US	8.23.16, 8.23.18		ed	If void-unsafe systems are not standard conforming, why are they mentioned here rather than in informative text?	Omit or make into informative text	
US	8.23.22, 8.23.26, 8.23.28		ed	It appears that 8.23.26 9 refers to 8.23.22, but the name is wrong. Also the reference in 8.23.8.2.	Correct naming	
Ecma	8.23.20 & 8.23.21		Te	**Comment number**: ECMA-Eiffel-038 Once are per thread by default.	Replace bullet 2 of 8.23.20 by: It was in a different thread, and *r* has the once key "*THREAD*" or no once key. Replace bullet 2 of 8.23.21 by: Otherwise, if df has the once key "THREAD" or no once key: any target in the current thread.	Phone meeting 2/2/2006

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Ecma	8.23.21		Ed	**Comment number**: ECMA-Eiffel-039 Typo.	Replace in first paragraph of 8.23.21 "to a once function *df* to a target object O is last" by "to a once routine *df* to a target object O is the last"	Phone meeting 2/2/2006
Ecma	8.23.21 & 8.23.22		Te	**Comment number**: ECMA-Eiffel-040 Fix precise meaning of `reused target' which was not correct.	Add the following paragraph at the end of 8.23.21: If df is a function, the latest applicable result is the last value returned by a fresh call using as target its latest applicable target. Replace "reused target" by "latest applicable result".	Phone meeting 2/2/2006
US	8.24.4		ed	Without an explicit reference to 8.28.10, this doesn't define semistrict. Also the respectively is awkward, it may be that "that is" or "one of" is meant.	Insert a cross reference	
Ecma	8,24,5		Ed	**Comment number**: ECMA-Eiffel-041 Typo.	In bullet 7 and 8 of 8,24,5, remove "not" in "not ot". In bullet 8 of 8,24,5, replace "its Compound" by "the subsequent components of its enclosing Compound"	Phone meeting 2/2/2006
Ecma	8.24.9		Ed	**Comment number**: ECMA-Eiffel-042 Conditions were inverted	Replace bullet 1 and 2 of 8.24.9 by: 1 For e = Void: not ({ot: T} e). 2 For e /= Void: {ot: T} e.	Phone meeting 2/2/2006
US	8.25.1		ed	There are numerous uses of this term prior to this point, forward references should be inserted at least at the first of these.		
US	8.25.2		te/ed	Version of sf in D should be version of sf in DT.		

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ISO electronic balloting commenting template/version 2001-10

1	2	(3)	4	5	(6)	(7)
MB[1]	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com-ment[2]	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
Ecma	8.25.4		Ed	**Comment number**: ECMA-Eiffel-043 Not needed because redundant with 8.25.3	Remove 8.25.4	Phone meeting 2/2/2006
Ecma	8.25.5		Ed	**Comment number**: ECMA-Eiffel-044 Not needed because redundant with 8.22.9	Remove 8.25.5	Phone meeting 2/2/2006
Ecma	8.26.1		Te	**Comment number**: ECMA-Eiffel-045 Scope was incomplete.	Replace second paragraph of 8.26.1 by: If, during the execution of a feature, the execution of one of its components fails, this prevents continuing the feature's execution normally; such an event is said to trigger an exception.	Phone meeting 2/2/2006
Ecma	8.26.3		Te	**Comment number**: ECMA-Eiffel-046 Broaden the scope to include attributes as well.	It is valid for an Attribute_or_routine to include a Rescue clause if and only if its Feature_body is an Attribute or an Effective_routine of the Internal form.	Phone meeting 2/2/2006
US	8.26.9		te/ed	In the first bullet, it is not clear to what f refers. Or is r meant? Further, the widowing of the table header makes the interpretation of the table difficult. The reference to Old expression semantics rule should be numbered – there is no given Old expression semantics rule, only Old expression semantics 8.9.9		
Ecma	8.27.6		Te	**Comment number**: ECMA-Eiffel-047 Actual list should not be empty to be consistent with feature's actual argument list. Allow a wider ranger of placeholder	Replace * by + in the Agent_actual_list production rule. Change the production rule for Placeholder: Placeholder = [Manifest_type] "?"	Phone meeting 2/2/2006
Ecma	8.27.7		Ed	**Comment number**: ECMA-Eiffel-048 Improved title	Replace title of 8.27.7 by "Definition: Target type of a call agent"	Phone meeting 2/2/2006

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Template for comments and secretariat observations					Date: 2006-02-03	Document: `ISO/IEC DIS 25436 (Eiffel Language)`

1	2	(3)	4	5	(6)	(7)
MB[1]	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment[2]	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
Ecma	8.27.8		Te	**Comment number**: ECMA-Eiffel-049 Incorrect statement.	Replace bullet 4 of 8.27.8 by: Any Agent_actual of the Expression kind is of a type compatible with the type of the corresponding formal in *f*.	Phone meeting 2/2/2006
Ecma	8.27.9		Ed	**Comment number**: ECMA-Eiffel-050 Typo	Replace in bullet 4 of 8.27.9 "Routine" by "Attribute_or_routine".,	Phone meeting 2/2/2006
Ecma	8.27.11		Te	**Comment number**: ECMA-Eiffel-051 Typo and fix the original intent which was to disallow reusing same local names.	Replace in bullet 2 and 3 of 8.27.11 "Routine" by "Attribute_or_routine". Replace bullet 1 of 8.27.11 by: No formal argument or local variable of a has the same name as a feature of the enclosing class, or a formal argument or local variable other than Result of an enclosing feature or Inline_agent.	Phone meeting 2/2/2006
Ecma	8.27.12		Ed	**Comment number**: ECMA-Eiffel-052 Typo.	Replace in 8.27.12 "routine" by "feature".	Phone meeting 2/2/2006
Ecma	8.27.14		Ed	**Comment number**: ECMA-Eiffel-053 Typo	Replace in 8.27.14 "Inline_routine" by "Inline_agent".	Phone meeting 2/2/2206
Ecma	8.27.16		Ed	**Comment number**: ECMA-Eiffel-054 Typo	Replace in 8.27.16 "Feature_agent" by "Agent".	Phone meeting 2/2/2006
Ecma	8.27.17		Ed	**Comment number**: ECMA-Eiffel-055 Typo	Replace first paragraph of 8.27.11 by: Consider a Call_agent a, with a target of type T0. Let i1, ..., im (m≥ 0) be its open operand positions, if any, and let Ti1, .., Tim be the types of f's formal arguments at positions i1, ..., im (taking Ti1 to be T0 if i1 = 0). The type of a is:	Phone meeting 2/2/2006

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Ecma	8.27.18 & 8.27.19		Ed	**Comment number**: ECMA-Eiffel-056 They should be semantics, not definition.	Change `Definition' by `Semantics' in titles of 8.27.18 and 8.27.19	Phone meeting 2/2/2006
Ecma	8.28.2		Te	**Comment number**: ECMA-Eiffel-057 Clarification	Replace bullet 4 of 8.28.2 by 2 new bullets: For a Call expression: the subexpressions of the Actuals part, if any, of its Unqualified_call. For a Precursor: the subexpressions (recursively) of its unfolded form.	Phone meeting 2/2/2006
Ecma	8.28.16		Te	**Comment number**: ECMA-Eiffel-058 Clarification	Replace in 8.28.16 "an Object_call or" by "a", and replace "routine" by "feature".	Phone meeting 2/2/2006
Ecma	8.28.17		Te	**Comment number**: ECMA-Eiffel-059 Missing case of creation expressions.	Add a new bullet at the end of 8.28.17: For a Creation_expression: the Explicit_creation_type	Phone meeting 2/2/2006
US	8.29.10		ed	The second bullet in the preceding informative text seems to be missing some text about the placement of the closing bracket.		
US	8.29.10		ed	Give a forward reference to the definition of Simple_string (8.32.26).		
Ecma	8.29.12		Te	**Comment number**: ECMA-Eiffel-060 Missing case of String_content.	Replace bullet 1 of 8.29.12 by: The Simple_string components of its String_content or Line_sequence may not include a double quote character except as part of the character code **%"** (denoting a double quote).	Phone meeting 2/2/2006
Ecma	8.30.7		Ed	**Comment number**: ECMA-Eiffel-061 Clarification.	Replace paragraph of 8.30.7 by: The expanded class POINTER describes addresses of data beyond the control of Eiffel systems.	Phone meeting 2/2/2006

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Template for comments and secretariat observations					Date: 2006-02-03	Document: `ISO/IEC DIS 25436 (Eiffel Language)`
						Ecma/TC39-TG4/2006/003
1	2	(3)	4	5	(6)	(7)
MB[1]	**Clause No./ Subclause No./ Annex** (e.g. 3.1)	**Paragraph/ Figure/Table/ Note** (e.g. Table 1)	**Type of com-ment[2]**	**Comment (justification for change) by the MB**	**Proposed change by the MB**	**Secretariat observations** on each comment submitted
Ecma	8.31.2 & 8.31.3		Ed	**Comment number**: ECMA-Eiffel-062 Inherited from former revisions which does not apply anymore.	Remove 8.31.2 and 8.31.3	Phone meeting 2/2/2006
Ecma	8.31.4		Ed	**Comment number**: ECMA-Eiffel-063 Clarification	Replace in 8.31.4 "a POINTER" by "an address".	Phone meeting 2/2/2006
Ecma	8.31.6		Ed	**Comment number**: ECMA-Eiffel-064 Identifier is too restrictive for External_type	Replace Identifier by Simple_string in production rule for External_type in 8.31.6	Phone meeting 2/2/2006
Ecma	8.31.9		Te	**Comment number**: ECMA-Eiffel-065 Does not make sense to have an empty list.	Update production rule for 8.31.10 as follows: External_file_list =Δ {External_file "," …}+	Phone meeting 2/2/2006
Ecma	8.31.18		Ed	**Comment number**: ECMA-Eiffel-066 Typo	Remove Blanks_or_tabs in production rule for DLL_external in 8.31.18	Phone meeting 2/2/2006
US	8.32.1		te	So, is a real? As is .E56. You need to specify that something else is required.		
Ecma	8.32.3		Ed	**Comment number**: ECMA-Eiffel-067 Added carriage return as a valid new line.	Add new bullet in 8.32.3: Return (also known as Carriage Return)	Phone meeting 2/2/2006
Ecma	8.32.12		Te	**Comment number**: ECMA-Eiffel-068 Made sure that some characters are case insensitive.	Replace first paragraph of 8.32.12 by: Letter case is significant for the following constructs: Character_constant and Manifest_string except special character codes, Comment.	Phone meeting 2/2/2006
Ecma	8.16.4		Te	**Comment number**: ECMA-Eiffel-069 Update to more appropriate name, and correct the rule to cover all cases.	Change title to be: Validity: Call sharing rule With a validity rule VMCS Update rule of 8.16.4 with: It is valid for a feature *f* repeatedly inherited	Phone meeting 2/2/2006

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Ecma/TC39-TG4/2006/003

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					by a class *D* from an ancestor *A*, such that *f* is shared under repeated inheritance and not redeclared, to involve a feature g of A other than as a qualified call if and only if *g* is, along the corresponding inheritance paths, also shared.	
Ecma	8.16.12		Te	**Comment number**: ECMA-Eiffel-070 Take into account redeclarations.	Replace ".)" at the end of bullet 3 of 8.16.12 by "after possible redeclaration.)"	Phone meeting 2/2/2006

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