

Project: DRA FRONT END FILTER PROJECT

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Abstract: This document contains a listing of all the constants, types and aliases, with their defining theories, available for use in the DRA front end filter project RSRE 1C/6130.

Distribution: HAT FEF File
Simon Wiseman

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0.2 Document Cross References

[1] DS/FMU/FEF/001. *Project Overview Document*. G.M. Prout, ICL Secure Systems, WIN01.

0.3 Changes History

Issue 1.1 (9 June 1992) First draft.

Issue 3.1 (3 December 1992) Phase 1 approved version.

Issue Revision : 4.2 (5 December 2009) Final (Phases 1-3) approved version.

Issue 4.2 Removed dependency on ICL logo font

0.4 Changes Forecast

None.

1 GENERAL

1.1 Scope

This document contains an index of all the constants, types and aliases used in the DRA front end filter project RSRE 1C/6130, together with their defining theories.

It is intended primarily to facilitate reading of the specifications produced under the contract. It doesn't include theorems.

For an index of other documents produced under the project [1] should be consulted.

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<i>AbsChar</i>	constant	<i>char</i>	<i>CaseValValue</i>	constant	<i>fef032</i>
<i>Act_t</i>	constant	<i>fef026</i>	<i>CC_classLimited</i>	constant	<i>fef004</i>
<i>AllTuples</i>	constant	<i>fef032</i>	<i>CC_exist</i>	constant	<i>fef004</i>
<i>Am</i>	type abbrev.	<i>fef006</i>	<i>CC_primary</i>	constant	<i>fef004</i>
<i>ANSWER</i>	type abbrev.	<i>fef022</i>	<i>CC_referential</i>	constant	<i>fef004</i>
<i>And</i>	constant	<i>fef014</i>	<i>CC_secondary</i>	constant	<i>fef004</i>
<i>Append</i>	constant	<i>list</i>	<i>CC_uniform</i>	constant	<i>fef004</i>
<i>Arbitrary</i>	constant	<i>misc</i>	<i>CC_unique</i>	constant	<i>fef004</i>
<i>Architecture_Secure</i>	constant	<i>fef034</i>	<i>CHAR</i>	type constructor ..	<i>char</i>
<i>At</i>	constant	<i>fun_rel</i>	<i>Char</i>	type abbrev.	<i>fef004</i>
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<i>accessDenied</i>	constant	<i>fef004</i>	<i>Class</i>	type constructor ..	<i>fef003</i>
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<i>BinOp</i>	constant	<i>fef032</i>	<i>CombS</i>	constant	<i>combin</i>
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<i>Factor</i>	type abbrev.	<i>fef043</i>	<i>GroupA</i>	constant	<i>fef035</i>
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<i>FinitaryRecType</i>	constant	<i>wrk057</i>	<i>getTable</i>	constant	<i>fef005</i>
<i>Finite</i>	constant	<i>fin_set</i>	<i>getTableInfo</i>	constant	<i>fef029</i>
<i>Fixed</i>	type abbrev.	<i>fef028</i>	<i>giveError</i>	constant	<i>fef004</i>
<i>Flat</i>	constant	<i>seq</i>	<i>giveVal</i>	constant	<i>fef004</i>
<i>Float</i>	type constructor	<i>fef004</i>	<i>glb</i>	constant	<i>fef003</i>
<i>FloatVal</i>	constant	<i>fef004</i>	<i>glbl</i>	constant	<i>fef014</i>
<i>FlowSecureMachine</i>	constant	<i>fef042</i>	<i>H</i>	constant	<i>fef035</i>
<i>Fold</i>	constant	<i>list</i>	<i>Hd</i>	constant	<i>list</i>
<i>From_name</i>	constant	<i>fef014</i>	<i>Head</i>	alias	<i>seq</i>
<i>From_spec</i>	constant	<i>fef014</i>	<i>Hidden</i>	constant	<i>fef005</i>
<i>From_spec</i>	type constructor	<i>fef014</i>	<i>Hide</i>	type abbrev.	<i>fef006</i>
<i>Front</i>	constant	<i>seq</i>	<i>HideDerTable</i>	constant	<i>fef026</i>
<i>Fst</i>	constant	<i>pair</i>	<i>HideDerTableData</i>	constant	<i>fef026</i>
<i>Functional</i>	constant	<i>bin_rel</i>	<i>HideDerTableRow</i>	constant	<i>fef026</i>
<i>F_exponent</i>	constant	<i>fef004</i>	<i>hide</i>	constant	<i>fef005</i>
<i>F_mantissa</i>	constant	<i>fef004</i>	<i>hideR</i>	constant	<i>fef005</i>
<i>factors</i>	constant	<i>fef043</i>	<i>Id</i>	constant	<i>bin_rel</i>
<i>factor0</i>	constant	<i>fef043</i>	<i>Ide</i>	constant	<i>fef004</i>
<i>factor1</i>	constant	<i>fef043</i>	<i>Ide</i>	type abbrev.	<i>fef004</i>
<i>factor2</i>	constant	<i>fef043</i>	<i>IdeL</i>	constant	<i>fef004</i>
<i>factor3</i>	constant	<i>fef043</i>	<i>IdentDetail</i>	type constructor	<i>fef028</i>
<i>factor_level</i>	constant	<i>fef043</i>	<i>Image</i>	constant	<i>bin_rel</i>
<i>factor_out</i>	constant	<i>fef043</i>	<i>IND</i>	type constructor	<i>min</i>
<i>false</i>	alias	<i>fef014</i>	<i>In</i>	constant	<i>seq</i>
<i>fieldClassOutOfRange</i>	constant	<i>fef004</i>	<i>Independent</i>	constant	<i>fef040</i>
<i>fillCol</i>	constant	<i>fef014</i>	<i>IndexedEquiv</i>	constant	<i>fef040</i>
<i>fillTab</i>	constant	<i>fef014</i>	<i>Influenced</i>	constant	<i>fef040</i>
<i>fill_cols</i>	constant	<i>fef024</i>	<i>Init</i>	constant	<i>fef042</i>
<i>fill_row</i>	constant	<i>fef024</i>	<i>Injective</i>	constant	<i>bin_rel</i>
<i>fill_table</i>	constant	<i>fef024</i>	<i>InjLists</i>	constant	<i>seq</i>
<i>filterRow</i>	constant	<i>fef005</i>	<i>InL</i>	constant	<i>sum</i>
<i>filter_cols</i>	constant	<i>fef024</i>	<i>InR</i>	constant	<i>sum</i>
<i>filter_select</i>	constant	<i>fef024</i>	<i>Insert</i>	constant	<i>sets</i>
<i>filter_table</i>	constant	<i>fef024</i>	<i>Insert</i>	type abbrev.	<i>fef004</i>
<i>filter_where_row</i>	constant	<i>fef024</i>	<i>InsertEffect</i>	constant	<i>fef004</i>
<i>find</i>	constant	<i>fef014</i>	<i>Insert_list</i>	constant	<i>fef014</i>
<i>find_column</i>	constant	<i>fef029</i>	<i>Insert_list</i>	type constructor	<i>fef014</i>
<i>find_ident</i>	constant	<i>fef029</i>	<i>Int</i>	type constructor	<i>fef004</i>
<i>floating</i>	alias	<i>fef004</i>	<i>Integer</i>	type abbrev.	<i>fef028</i>
<i>floatingType</i>	constant	<i>fef014</i>	<i>InternalExpClass</i>	type abbrev.	<i>fef028</i>
<i>fold</i>	constant	<i>fef028</i>	<i>Interval</i>	type constructor	<i>fef004</i>
<i>from</i>	constant	<i>fef014</i>	<i>IntervalVal</i>	constant	<i>fef004</i>
<i>from_spec_{enter}</i>	constant	<i>fef029</i>	<i>IntVal</i>	constant	<i>fef004</i>
<i>from_spec_{info}</i>	constant	<i>fef029</i>	<i>InvRel</i>	constant	<i>bin_rel</i>
<i>f₁</i>	constant	<i>fef025</i>	<i>IsCharRep</i>	constant	<i>char</i>
<i>f₂</i>	constant	<i>fef025</i>	<i>IsL</i>	constant	<i>sum</i>
<i>f₃</i>	constant	<i>fef025</i>	<i>IsListRep</i>	constant	<i>list</i>
<i>GiveData</i>	constant	<i>fef026</i>	<i>IsOneRep</i>	constant	<i>one</i>
<i>Graph</i>	constant	<i>bin_rel</i>	<i>IsPairRep</i>	constant	<i>pair</i>
<i>Group</i>	constant	<i>fef032</i>	<i>IsR</i>	constant	<i>sum</i>

<i>IsSetRep</i>	constant	<i>sets</i>	<i>iterate</i>	constant	<i>fef006</i>
<i>IsSumRep</i>	constant	<i>sum</i>	<i>iterate_witness</i>	constant	<i>fef009</i>
<i>Is_N_Rep</i>	constant	<i>N</i>	<i>Join</i>	constant	<i>fef032</i>
<i>Item</i>	type abbrev	<i>fef004</i>	<i>JoinData</i>	constant	<i>fef032</i>
<i>ItemBool</i>	constant	<i>fef032</i>	<i>JoinedRowExistence</i>	constant	<i>fef032</i>
<i>ItemUpdate</i>	constant	<i>fef004</i>	<i>JoinRows</i>	constant	<i>fef032</i>
<i>Iter</i>	constant	<i>fin_set</i>	<i>JoinSpecs</i>	constant	<i>fef032</i>
<i>Itf</i>	type abbrev	<i>fef007</i>	<i>jay</i>	constant	<i>fef014</i>
<i>I_exponent</i>	constant	<i>fef004</i>	<i>join</i>	constant	<i>fef014</i>
<i>I_mantissa</i>	constant	<i>fef004</i>	<i>Last</i>	constant	<i>seq</i>
<i>identicalObj</i>	constant	<i>fef042</i>	<i>Lemma1</i>	constant	<i>fef007</i>
<i>identicalObjs</i>	constant	<i>fef042</i>	<i>Lemma2</i>	constant	<i>fef007</i>
<i>id_cName</i>	constant	<i>fef028</i>	<i>Lemma3</i>	constant	<i>fef007</i>
<i>id_identName</i>	constant	<i>fef028</i>	<i>Lemma4</i>	constant	<i>fef007</i>
<i>id_info</i>	constant	<i>fef028</i>	<i>Lemma5</i>	constant	<i>fef007</i>
<i>id_lub_{i,d}</i>	constant	<i>fef028</i>	<i>Length</i>	constant	<i>list</i>
<i>id_vName</i>	constant	<i>fef028</i>	<i>Let</i>	constant	<i>misc</i>
<i>init_trans_state</i>	constant	<i>fef029</i>	<i>LIST</i>	type constructor ...	<i>list</i>
<i>innermost</i>	constant	<i>fef029</i>	<i>Lift</i>	constant	<i>fef028</i>
<i>inRange</i>	constant	<i>fef014</i>	<i>LiftConstant</i>	constant	<i>fef028</i>
<i>insert</i>	constant	<i>fef014</i>	<i>LiftRel</i>	constant	<i>fef040</i>
<i>insertQuery</i>	constant	<i>fef005</i>	<i>ListAnd</i>	constant	<i>fef032</i>
<i>insert_tuples</i>	constant	<i>fef014</i>	<i>ListNth</i>	constant	<i>fef032</i>
<i>integer</i>	alias	<i>fef004</i>	<i>ListOk</i>	constant	<i>fef028</i>
<i>integerType</i>	constant	<i>fef014</i>	<i>ListOr</i>	constant	<i>fef032</i>
<i>internalError</i>	constant	<i>fef029</i>	<i>ListRel</i>	constant	<i>seq</i>
<i>internal_value_{class}</i>	constant	<i>fef029</i>	<i>Lists</i>	constant	<i>seq</i>
<i>interval</i>	alias	<i>fef004</i>	<i>Lists₁</i>	constant	<i>seq</i>
<i>intervalType</i>	constant	<i>fef014</i>	<i>LocalFunctional</i>	constant	<i>wrk057</i>
<i>intPlus</i>	constant	<i>fef014</i>	<i>label_secure</i>	constant	<i>fef043</i>
<i>invert</i>	constant	<i>fef028</i>	<i>label_secure_to</i>	constant	<i>fef043</i>
<i>in_new_scope</i>	constant	<i>fef029</i>	<i>lattice_bottom</i>	constant	<i>fef003</i>
<i>isBoolVal</i>	constant	<i>fef014</i>	<i>lattice_top</i>	constant	<i>fef003</i>
<i>isClass</i>	constant	<i>fef004</i>	<i>levelled_factorisation</i>	constant	<i>fef043</i>
<i>isClassVal</i>	constant	<i>fef014</i>	<i>lift_machine</i>	constant	<i>fef042</i>
<i>isCleared</i>	constant	<i>fef014</i>	<i>list_∪</i>	constant	<i>fef014</i>
<i>isCodeVal</i>	constant	<i>fef014</i>	<i>lookup</i>	constant	<i>fef014</i>
<i>isData</i>	constant	<i>fef004</i>	<i>lookup_column_info_look</i>	constant	<i>fef029</i>
<i>isDelete</i>	constant	<i>fef004</i>	<i>lookup_column_row_class_look</i> ..	constant	<i>fef029</i>
<i>isError</i>	constant	<i>fef004</i>	<i>lookup_col_spec_class_look</i>	constant	<i>fef029</i>
<i>isFloatVal</i>	constant	<i>fef014</i>	<i>lookup_col_spec_dinary_look</i>	constant	<i>fef029</i>
<i>isInsert</i>	constant	<i>fef004</i>	<i>lookup_col_spec_sterling_look</i>	constant	<i>fef029</i>
<i>isIntervalVal</i>	constant	<i>fef014</i>	<i>lookup_table_detail_look</i>	constant	<i>fef029</i>
<i>isIntVal</i>	constant	<i>fef014</i>	<i>lookup_table_row_class_look</i>	constant	<i>fef029</i>
<i>isItem</i>	constant	<i>fef004</i>	<i>lookup_{colspecclass}</i>	constant	<i>fef029</i>
<i>isNotCleared</i>	constant	<i>fef014</i>	<i>lookup_{colspecdinary}</i>	constant	<i>fef029</i>
<i>isNullItem</i>	constant	<i>fef014</i>	<i>lookup_{colspecsterling}</i>	constant	<i>fef029</i>
<i>isSelect</i>	constant	<i>fef004</i>	<i>lookup_{columninfo}</i>	constant	<i>fef029</i>
<i>isState</i>	constant	<i>fef004</i>	<i>lookup_{columnrowclass}</i>	constant	<i>fef029</i>
<i>isState_t</i>	constant	<i>fef021</i>	<i>lookup_{localcolimplementation}</i> ..	constant	<i>fef029</i>
<i>isStringVal</i>	constant	<i>fef014</i>	<i>lookup_{localcolinfo}</i>	constant	<i>fef029</i>
<i>isstate</i>	constant	<i>fef006</i>	<i>lookup_{localcolspecclasses}</i>	constant	<i>fef029</i>
<i>isTimeVal</i>	constant	<i>fef014</i>	<i>lookup_{localcolspecsterlings}</i>	constant	<i>fef029</i>
<i>istate_f</i>	constant	<i>fef022</i>	<i>lookup_{localrowclasses}</i>	constant	<i>fef029</i>
<i>isUpdate</i>	constant	<i>fef004</i>	<i>lookup_{localtableinfo}</i>	constant	<i>fef029</i>
<i>isVal</i>	constant	<i>fef004</i>	<i>lookup_{paramdata}</i>	constant	<i>fef029</i>
<i>isValuedItem</i>	constant	<i>fef014</i>	<i>lookup_{tabledetail}</i>	constant	<i>fef029</i>
<i>is_select</i>	constant	<i>fef026</i>	<i>lookup_{tablerowclass}</i>	constant	<i>fef029</i>
<i>item_sterling</i>	constant	<i>fef021</i>	<i>lub</i>	constant	<i>fef003</i>

<i>lubl</i>	constant	<i>fef014</i>	<i>MkTsqlCol</i>	constant	<i>fef028</i>
<i>lub_data</i>	constant	<i>fef014</i>	<i>MkValuedItem</i>	constant	<i>fef004</i>
<i>lub_w</i>	constant	<i>fef014</i>	<i>ML_BEHAVIOUR</i>	type abbrev	<i>fef042</i>
<i>lub_wdata</i>	constant	<i>fef014</i>	<i>Mod</i>	constant	<i>N</i>
<i>lub_wl</i>	constant	<i>fef014</i>	<i>MonOp</i>	constant	<i>fef032</i>
<i>lub_boundinfo</i>	constant	<i>fef029</i>	<i>machine</i>	constant	<i>fef043</i>
<i>lub_coltype</i>	constant	<i>fef029</i>	<i>make_case</i>	constant	<i>fef029</i>
<i>lub_exp</i>	constant	<i>fef029</i>	<i>make_col</i>	constant	<i>fef029</i>
<i>lub_expclass</i>	constant	<i>fef029</i>	<i>make_data</i>	constant	<i>fef014</i>
<i>lub_ssqlcol</i>	constant	<i>fef029</i>	<i>make_dinary</i>	constant	<i>fef029</i>
<i>lub_ssqlname</i>	constant	<i>fef029</i>	<i>make_sterling</i>	constant	<i>fef029</i>
<i>lub_tableinfo</i>	constant	<i>fef029</i>	<i>make_sv</i>	constant	<i>fef029</i>
<i>lub_tsqlclassname</i>	constant	<i>fef029</i>	<i>maxBound</i>	constant	<i>fef029</i>
<i>lub_tsqlcol</i>	constant	<i>fef029</i>	<i>maybe</i>	alias	<i>fef014</i>
<i>lub_tsqlname</i>	constant	<i>fef029</i>	<i>mayNotBeComplete</i>	constant	<i>fef004</i>
<i>lub_type</i>	constant	<i>fef029</i>	<i>mkTf</i>	constant	<i>fef006</i>
<i>lub_worth</i>	constant	<i>fef029</i>	<i>mkTf_f</i>	constant	<i>fef022</i>
<i>Machine</i>	type constructor	<i>fef042</i>	<i>mk_absolute</i>	constant	<i>fef028</i>
<i>MakeGroups</i>	constant	<i>fef032</i>	<i>mk_and</i>	constant	<i>fef028</i>
<i>Map</i>	constant	<i>list</i>	<i>mk_anonymous_column</i>	constant	<i>fef028</i>
<i>Max</i>	constant	<i>fin_set</i>	<i>mk_column</i>	constant	<i>fef028</i>
<i>Maybe</i>	type abbrev	<i>fef014</i>	<i>mk_constant</i>	constant	<i>fef028</i>
<i>MaybeResult</i>	type abbrev	<i>fef014</i>	<i>mk_constant_class</i>	constant	<i>fef028</i>
<i>Min</i>	constant	<i>fin_set</i>	<i>mk_constant_{ec}</i>	constant	<i>fef028</i>
<i>MK_DEST</i>	type abbrev	<i>fef028</i>	<i>mk_constant_{tc}</i>	constant	<i>fef028</i>
<i>MkClassVal</i>	constant	<i>fef025</i>	<i>mk_default</i>	constant	<i>fef028</i>
<i>MkColCon</i>	constant	<i>fef004</i>	<i>mk_enumType</i>	constant	<i>fef028</i>
<i>MkColSpec</i>	constant	<i>fef004</i>	<i>mk_fixedType</i>	constant	<i>fef028</i>
<i>MkConstraintInfo</i>	constant	<i>fef028</i>	<i>mk_intervalType</i>	constant	<i>fef028</i>
<i>MkData</i>	constant	<i>fef004</i>	<i>mk_local_identifier</i>	constant	<i>fef028</i>
<i>MkData_t</i>	constant	<i>fef025</i>	<i>mk_name_s</i>	constant	<i>fef028</i>
<i>MkDerColSpec</i>	constant	<i>fef026</i>	<i>mk_name_t</i>	constant	<i>fef028</i>
<i>MkDerTable</i>	constant	<i>fef026</i>	<i>mk_name_{tc}</i>	constant	<i>fef028</i>
<i>MkDerTableRow</i>	constant	<i>fef026</i>	<i>mk_name_{tn}</i>	constant	<i>fef028</i>
<i>MkDerTableSpec</i>	constant	<i>fef026</i>	<i>mk_ors</i>	constant	<i>fef028</i>
<i>MkDirectory</i>	constant	<i>fef004</i>	<i>mk_simple</i>	constant	<i>fef028</i>
<i>MkEnv</i>	constant	<i>fef014</i>	<i>mk_specific</i>	constant	<i>fef028</i>
<i>MkFactoredMachine</i>	constant	<i>fef043</i>	<i>mk_stringType</i>	constant	<i>fef028</i>
<i>MkFactorisation</i>	constant	<i>fef043</i>	<i>mk_timeType</i>	constant	<i>fef028</i>
<i>MkFloat</i>	constant	<i>fef004</i>	<i>mk_upb</i>	constant	<i>fef028</i>
<i>MkGroupedResult</i>	constant	<i>fef014</i>	<i>mk_variable</i>	constant	<i>fef028</i>
<i>MkIdentDetail</i>	constant	<i>fef028</i>	<i>ml_secure</i>	constant	<i>fef040</i>
<i>MkInt</i>	constant	<i>fef004</i>	<i>monolean</i>	alias	<i>fef004</i>
<i>MkMachine</i>	constant	<i>fef042</i>	<i>monoleanType</i>	constant	<i>fef014</i>
<i>MkNullData_t</i>	constant	<i>fef025</i>	<i>monop</i>	constant	<i>fef014</i>
<i>MkObj</i>	constant	<i>fef042</i>	<i>monop_type</i>	constant	<i>fef029</i>
<i>MkParamInfo</i>	constant	<i>fef028</i>	<i>NatItem</i>	constant	<i>fef032</i>
<i>MkReference</i>	constant	<i>fef004</i>	<i>Next</i>	constant	<i>fef042</i>
<i>MkReq</i>	constant	<i>fef042</i>	<i>NextNum</i>	constant	<i>fef025</i>
<i>MkRow</i>	constant	<i>fef004</i>	<i>Nil</i>	constant	<i>list</i>
<i>MkScope</i>	constant	<i>fef028</i>	<i>Not</i>	constant	<i>fef014</i>
<i>MkSsqlCol</i>	constant	<i>fef028</i>	<i>Nth</i>	constant	<i>seq</i>
<i>MkST_STACK</i>	constant	<i>fef028</i>	<i>NullData</i>	constant	<i>fef014</i>
<i>MkTableDetail</i>	constant	<i>fef028</i>	<i>NullItem</i>	type abbrev	<i>fef004</i>
<i>MkTableInfo</i>	constant	<i>fef028</i>	<i>NullItemItem</i>	constant	<i>fef004</i>
<i>MkTableSpec</i>	constant	<i>fef004</i>	<i>Num</i>	constant	<i>fef004</i>
<i>MkTf_t</i>	constant	<i>fef021</i>	<i>Num</i>	type abbrev	<i>fef004</i>
<i>MkTRANS_STATE</i>	constant	<i>fef029</i>	<i>Num_to_Int</i>	constant	<i>fef014</i>
<i>MkTree</i>	constant	<i>wrk057</i>	<i>newData</i>	constant	<i>fef014</i>

<i>noErrors</i>	constant	<i>fef014</i>	<i>ProjectSpec</i>	constant	<i>fef032</i>
<i>noNulls</i>	constant	<i>fef004</i>	<i>PutInGroup</i>	constant	<i>fef032</i>
<i>nonUniformValues</i>	constant	<i>fef004</i>	<i>parameterTable</i>	constant	<i>fef028</i>
<i>nonUniqueValues</i>	constant	<i>fef004</i>	<i>pi_clasf</i>	constant	<i>fef028</i>
<i>noScope</i>	constant	<i>fef029</i>	<i>pi_name</i>	constant	<i>fef028</i>
<i>noSuchColumn</i>	constant	<i>fef004</i>	<i>pi_val_p</i>	constant	<i>fef028</i>
<i>noSuchDirectory</i>	constant	<i>fef004</i>	<i>pp' TS</i>	constant	<i>misc</i>
<i>noSuchParameter</i>	constant	<i>fef029</i>	<i>priceless</i>	constant	<i>fef004</i>
<i>noSuchTable</i>	constant	<i>fef004</i>	<i>processDelete</i>	constant	<i>fef014</i>
<i>notCleared</i>	constant	<i>fef004</i>	<i>processInsert</i>	constant	<i>fef014</i>
<i>notDyadic</i>	constant	<i>fef029</i>	<i>processIntegrity</i>	constant	<i>fef014</i>
<i>notMonadic</i>	constant	<i>fef029</i>	<i>processQuery</i>	constant	<i>fef014</i>
<i>notSetFunction</i>	constant	<i>fef029</i>	<i>processQuery_t</i>	constant	<i>fef021</i>
<i>notTriadic</i>	constant	<i>fef029</i>	<i>processSelect</i>	constant	<i>fef014</i>
<i>notTrigger</i>	constant	<i>fef029</i>	<i>processUpdate</i>	constant	<i>fef014</i>
<i>null</i>	alias	<i>fef004</i>	<i>projectTuples</i>	constant	<i>fef014</i>
<i>nullUpdate</i>	constant	<i>fef014</i>	<i>promote</i>	constant	<i>fef014</i>
<i>nullValue</i>	constant	<i>fef004</i>	<i>Query</i>	type constructor ..	<i>fef014</i>
<i>OBSERVATION</i>	type abbrev	<i>fef040</i>	<i>query_class</i>	constant	<i>fef029</i>
<i>Obj</i>	type abbrev	<i>fef042</i>	<i>query_constants_class</i>	constant	<i>fef029</i>
<i>ObservedValue</i>	constant	<i>fef040</i>	<i>query_selectquery</i>	constant	<i>fef029</i>
<i>OK_TC_c</i>	constant	<i>fef032</i>	<i>Ran</i>	constant	<i>bin_rel</i>
<i>OK_TC_d</i>	constant	<i>fef032</i>	<i>RESULT</i>	type abbrev	<i>fef028</i>
<i>OK_VC_c</i>	constant	<i>fef032</i>	<i>Reference</i>	type constructor ..	<i>fef004</i>
<i>OK_VC_d</i>	constant	<i>fef032</i>	<i>Reflexive</i>	constant	<i>bin_rel</i>
<i>Ok</i>	constant	<i>fef028</i>	<i>RelCombine</i>	constant	<i>bin_rel</i>
<i>OkSTP</i>	constant	<i>fef032</i>	<i>RelList</i>	constant	<i>seq</i>
<i>OkSTP_Secure_E_Lemma</i>	constant	<i>fef034</i>	<i>RemoveDuplicates</i>	constant	<i>fef032</i>
<i>OkTableComputation</i>	constant	<i>fef032</i>	<i>RepChar</i>	constant	<i>char</i>
<i>OkValue</i>	constant	<i>fef028</i>	<i>Repr_colCon</i>	constant	<i>fef025</i>
<i>ONE</i>	type constructor ..	<i>one</i>	<i>Req</i>	type constructor ..	<i>fef042</i>
<i>One</i>	constant	<i>one</i>	<i>Rev</i>	constant	<i>list</i>
<i>OneOne</i>	constant	<i>log</i>	<i>RiskInputs</i>	constant	<i>fef026</i>
<i>Onto</i>	constant	<i>log</i>	<i>Row</i>	type constructor ..	<i>fef004</i>
<i>OPT</i>	type abbrev	<i>fef028</i>	<i>RowExistName</i>	constant	<i>fef025</i>
<i>Op</i>	type abbrev	<i>fef014</i>	<i>RowS</i>	constant	<i>fef004</i>
<i>Or</i>	constant	<i>fef014</i>	<i>R_data</i>	constant	<i>fef004</i>
<i>OTHERS</i>	constant	<i>fef028</i>	<i>R_exist</i>	constant	<i>fef004</i>
<i>OutL</i>	constant	<i>sum</i>	<i>R_group</i>	constant	<i>fef004</i>
<i>Output</i>	constant	<i>fef042</i>	<i>R_o_R</i>	constant	<i>bin_rel</i>
<i>OutR</i>	constant	<i>sum</i>	<i>R_table</i>	constant	<i>fef004</i>
<i>o</i>	alias	<i>bin_rel</i>	<i>R_3_R</i>	constant	<i>bin_rel</i>
<i>o</i>	constant	<i>combin</i>	<i>remove_constants</i>	constant	<i>fef029</i>
<i>objectClass</i>	constant	<i>fef042</i>	<i>remove_nulls</i>	constant	<i>fef029</i>
<i>objectContains</i>	constant	<i>fef042</i>	<i>replaceData</i>	constant	<i>fef005</i>
<i>objectRefers</i>	constant	<i>fef042</i>	<i>replaceRows</i>	constant	<i>fef005</i>
<i>ok_to_proceed</i>	constant	<i>fef022</i>	<i>reprState</i>	constant	<i>fef025</i>
<i>one_col</i>	constant	<i>fef014</i>	<i>repr_col</i>	constant	<i>fef029</i>
<i>one_result</i>	constant	<i>fef014</i>	<i>repr_data</i>	constant	<i>fef025</i>
<i>onlyInTriggers</i>	constant	<i>fef029</i>	<i>repr_dir</i>	constant	<i>fef025</i>
<i>outputFilter</i>	constant	<i>fef024</i>	<i>repr_row</i>	constant	<i>fef025</i>
<i>outputFilter_secureE</i>	constant	<i>fef031</i>	<i>repr_table</i>	constant	<i>fef025</i>
<i>ParamInfo</i>	type constructor ..	<i>fef028</i>	<i>repState</i>	constant	<i>fef005</i>
<i>Plus</i>	constant	<i>fef014</i>	<i>repState_t</i>	constant	<i>fef021</i>
<i>Prefix</i>	constant	<i>seq</i>	<i>reqClearance</i>	constant	<i>fef042</i>
<i>Process</i>	type abbrev	<i>fef006</i>	<i>reqSql</i>	constant	<i>fef042</i>
<i>Process_t</i>	type abbrev	<i>fef021</i>	<i>resultBool</i>	constant	<i>fef014</i>
<i>Project</i>	constant	<i>fef032</i>	<i>resultClass</i>	constant	<i>fef014</i>
<i>ProjectData</i>	constant	<i>fef032</i>	<i>revealRow</i>	constant	<i>fef005</i>

<i>rightNull</i>	constant	<i>fef014</i>	<i>sameOutputs</i>	constant	<i>fef042</i>
<i>rightType</i>	constant	<i>fef014</i>	<i>sameRequest</i>	constant	<i>fef042</i>
<i>rowClassTooLow</i>	constant	<i>fef004</i>	<i>sameRequests</i>	constant	<i>fef042</i>
<i>rowExistCol</i>	constant	<i>fef025</i>	<i>same_at_c_below_level</i>	constant	<i>fef043</i>
<i>rowExistColCon</i>	constant	<i>fef025</i>	<i>same_ins</i>	constant	<i>fef003</i>
<i>SameLabVal</i>	constant	<i>fef040</i>	<i>same_outs</i>	constant	<i>fef003</i>
<i>Scope</i>	type constructor .	<i>fef028</i>	<i>same_to_level</i>	constant	<i>fef043</i>
<i>SET</i>	type constructor . . .	<i>sets</i>	<i>sc_col_class</i>	constant	<i>fef028</i>
<i>Select</i>	type abbrev	<i>fef004</i>	<i>sc_col_exist</i>	constant	<i>fef028</i>
<i>SelectEffect</i>	constant	<i>fef004</i>	<i>sc_name</i>	constant	<i>fef028</i>
<i>Select_list</i>	constant	<i>fef014</i>	<i>sc_type_field</i>	constant	<i>fef028</i>
<i>Select_list</i>	type constructor .	<i>fef014</i>	<i>secure</i>	constant	<i>fef003</i>
<i>Select_list_p</i>	constant	<i>fef014</i>	<i>secureHide</i>	constant	<i>fef007</i>
<i>SetComp</i>	constant	<i>sets</i>	<i>secureHideR</i>	constant	<i>fef010</i>
<i>SetFuncAll</i>	constant	<i>fef032</i>	<i>secureItf</i>	constant	<i>fef007</i>
<i>SetFuncAllAnd</i>	constant	<i>fef032</i>	<i>secureStf</i>	constant	<i>fef007</i>
<i>SetFuncAllOr</i>	constant	<i>fef032</i>	<i>secureUpdate</i>	constant	<i>fef007</i>
<i>SetFuncDistinct</i>	constant	<i>fef032</i>	<i>select</i>	constant	<i>fef014</i>
<i>Set_clause</i>	constant	<i>fef014</i>	<i>select_list_{class}</i>	constant	<i>fef029</i>
<i>Set_clause</i>	type constructor .	<i>fef014</i>	<i>select_list_{data}</i>	constant	<i>fef029</i>
<i>Single Value</i>	constant	<i>fef032</i>	<i>select_list_{info}</i>	constant	<i>fef029</i>
<i>Size</i>	constant	<i>fin_set</i>	<i>select_list_{make}</i>	constant	<i>fef029</i>
<i>Snd</i>	constant	<i>pair</i>	<i>select_list_{type}</i>	constant	<i>fef029</i>
<i>Split</i>	constant	<i>list</i>	<i>select_values</i>	constant	<i>fef014</i>
<i>Squash</i>	constant	<i>seq</i>	<i>select_value_{class}</i>	constant	<i>fef029</i>
<i>SSQLam</i>	constant	<i>fef006</i>	<i>select_value_{data}</i>	constant	<i>fef029</i>
<i>SSQLtf</i>	constant	<i>fef007</i>	<i>select_value_{info}</i>	constant	<i>fef029</i>
<i>SsqlCol</i>	type constructor .	<i>fef028</i>	<i>select_value_{make}</i>	constant	<i>fef029</i>
<i>SsqlName</i>	type abbrev	<i>fef028</i>	<i>select_value_{type}</i>	constant	<i>fef029</i>
<i>STP</i>	constant	<i>fef029</i>	<i>seq</i>	constant	<i>fef014</i>
<i>STP_secure_E</i>	constant	<i>fef026</i>	<i>seqErr</i>	constant	<i>fef014</i>
<i>STP_TYPE</i>	type abbrev	<i>fef022</i>	<i>set_bottom_d</i>	constant	<i>fef021</i>
<i>STRING</i>	type abbrev	<i>char</i>	<i>set_bottom_u</i>	constant	<i>fef021</i>
<i>ST_STACK</i>	type constructor .	<i>fef028</i>	<i>set_class</i>	constant	<i>fef014</i>
<i>State</i>	type constructor .	<i>fef004</i>	<i>set_class_and_value</i>	constant	<i>fef014</i>
<i>StateDirs</i>	constant	<i>fef026</i>	<i>set_func_all</i>	constant	<i>fef014</i>
<i>StateR</i>	type abbrev	<i>fef004</i>	<i>set_func_type</i>	constant	<i>fef029</i>
<i>StateS</i>	constant	<i>fef004</i>	<i>set_value</i>	constant	<i>fef014</i>
<i>StateTables</i>	constant	<i>fef026</i>	<i>simplify_{ands}</i>	constant	<i>fef029</i>
<i>State_t</i>	type constructor .	<i>fef021</i>	<i>simplify_{ors}</i>	constant	<i>fef029</i>
<i>State_{ts}</i>	constant	<i>fef021</i>	<i>special_machine</i>	constant	<i>fef043</i>
<i>SterlingName</i>	constant	<i>fef025</i>	<i>ssplice</i>	constant	<i>fef028</i>
<i>Stf</i>	type abbrev	<i>fef006</i>	<i>split3</i>	constant	<i>fef028</i>
<i>String</i>	type abbrev	<i>fef004</i>	<i>split4</i>	constant	<i>fef028</i>
<i>StringVal</i>	constant	<i>fef004</i>	<i>split5</i>	constant	<i>fef028</i>
<i>Subsys_SecureA</i>	constant	<i>fef034</i>	<i>starstar1</i>	constant	<i>fef014</i>
<i>Subsys_SecureB</i>	constant	<i>fef034</i>	<i>starstar2</i>	constant	<i>fef014</i>
<i>Subsys_SecureC</i>	constant	<i>fef034</i>	<i>star1</i>	constant	<i>fef014</i>
<i>Subsys_SecureD</i>	constant	<i>fef034</i>	<i>star2</i>	constant	<i>fef014</i>
<i>Subsys_SecureE</i>	constant	<i>fef034</i>	<i>star3</i>	constant	<i>fef014</i>
<i>Suc</i>	constant	\mathbb{N}	<i>sterling</i>	constant	<i>fef004</i>
<i>Suffix</i>	constant	<i>seq</i>	<i>sterling_columns</i>	constant	<i>fef029</i>
<i>Surjective</i>	constant	<i>bin_rel</i>	<i>st_stack</i>	constant	<i>fef029</i>
<i>SWORD_construction</i>	constant	<i>fef042</i>	<i>subsys_secure</i>	constant	<i>fef022</i>
<i>SWORD_ml_secure</i>	constant	<i>fef042</i>	<i>subsys_secureA</i>	constant	<i>fef022</i>
<i>SwordType</i>	type abbrev	<i>fef028</i>	<i>subsys_secureB</i>	constant	<i>fef022</i>
<i>Symmetric</i>	constant	<i>bin_rel</i>	<i>subsys_secureC</i>	constant	<i>fef022</i>
<i>same</i>	constant	<i>fef014</i>	<i>subsys_secureD</i>	constant	<i>fef022</i>
<i>sameFilterInputs</i>	constant	<i>fef042</i>	<i>subsys_secureE</i>	constant	<i>fef022</i>

<i>symbolTable</i>	constant	<i>fef028</i>	<i>tc_sterling_name</i>	constant	<i>fef028</i>
<i>s_identifiers</i>	constant	<i>fef028</i>	<i>td_columns</i>	constant	<i>fef028</i>
<i>s_tables</i>	constant	<i>fef028</i>	<i>td_constraints</i>	constant	<i>fef028</i>
<i>T</i>	constant	<i>log</i>	<i>td_corrName</i>	constant	<i>fef028</i>
<i>TABLE_COMP</i>	type abbrev	<i>fef032</i>	<i>td_genCorr</i>	constant	<i>fef028</i>
<i>Tab</i>	type abbrev	<i>fef004</i>	<i>td_implementation</i>	constant	<i>fef028</i>
<i>TableComputations</i>	constant	<i>fef032</i>	<i>td_info</i>	constant	<i>fef028</i>
<i>TableComputationsSecure</i>	constant	<i>fef034</i>	<i>td_rowClass</i>	constant	<i>fef028</i>
<i>TableContents</i>	constant	<i>fef032</i>	<i>td_tableName</i>	constant	<i>fef028</i>
<i>TableDetail</i>	type constructor	<i>fef028</i>	<i>test</i>	constant	<i>fef014</i>
<i>TableInfo</i>	type constructor	<i>fef028</i>	<i>tf_t</i>	type abbrev	<i>fef021</i>
<i>TableName</i>	type abbrev	<i>fef028</i>	<i>time</i>	alias	<i>fef004</i>
<i>TableRow_a</i>	constant	<i>fef026</i>	<i>timeFormatToInterval</i>	constant	<i>fef029</i>
<i>TableSpec</i>	type constructor	<i>fef004</i>	<i>timeNow</i>	constant	<i>fef014</i>
<i>TableSpecification</i>	type abbrev	<i>fef028</i>	<i>timeType</i>	constant	<i>fef014</i>
<i>TableSpecS</i>	constant	<i>fef004</i>	<i>ti_row_class</i>	constant	<i>fef028</i>
<i>TableSpec_a</i>	constant	<i>fef026</i>	<i>ti_table_class</i>	constant	<i>fef028</i>
<i>Table_spec</i>	constant	<i>fef014</i>	<i>ti_table_exist_class</i>	constant	<i>fef028</i>
<i>Table_spec</i>	type constructor	<i>fef014</i>	<i>tooTall</i>	constant	<i>fef004</i>
<i>Table_a</i>	constant	<i>fef026</i>	<i>tooWide</i>	constant	<i>fef004</i>
<i>Tail</i>	alias	<i>seq</i>	<i>transform_{selectquery}</i>	constant	<i>fef029</i>
<i>Text</i>	type abbrev	<i>fef042</i>	<i>triop_type</i>	constant	<i>fef029</i>
<i>TF_TYPE</i>	type abbrev	<i>fef022</i>	<i>true</i>	alias	<i>fef014</i>
<i>Time</i>	type constructor	<i>fef004</i>	<i>tuple</i>	constant	<i>fef014</i>
<i>TimeVal</i>	constant	<i>fef004</i>	<i>tuple_list_{class}</i>	constant	<i>fef029</i>
<i>Tl</i>	constant	<i>list</i>	<i>tuple_list_{data}</i>	constant	<i>fef029</i>
<i>Total</i>	constant	<i>bin_rel</i>	<i>tuple_list_{info}</i>	constant	<i>fef029</i>
<i>TRANS_STATE</i>	type constructor	<i>fef029</i>	<i>tuple_list_{make}</i>	constant	<i>fef029</i>
<i>TREE</i>	type constructor	<i>wrk057</i>	<i>tuple_list_{makeouter}</i>	constant	<i>fef029</i>
<i>Transitive</i>	constant	<i>bin_rel</i>	<i>tuple_list_{maxrowclass}</i>	constant	<i>fef029</i>
<i>Tree</i>	constant	<i>wrk057</i>	<i>tuple_list_{outerinfo}</i>	constant	<i>fef029</i>
<i>TriOp</i>	constant	<i>fef032</i>	<i>tuple_list_{type}</i>	constant	<i>fef029</i>
<i>Try</i>	constant	<i>fef028</i>	<i>Uncurry</i>	constant	<i>pair</i>
<i>TSQltf</i>	constant	<i>fef021</i>	<i>Universe</i>	constant	<i>sets</i>
<i>TS_class</i>	constant	<i>fef004</i>	<i>Unparse</i>	constant	<i>wrk057</i>
<i>TS_colspecs</i>	constant	<i>fef004</i>	<i>UpDate</i>	type abbrev	<i>fef004</i>
<i>TS_cons</i>	constant	<i>fef004</i>	<i>Update</i>	type abbrev	<i>fef004</i>
<i>TS_maxRow</i>	constant	<i>fef004</i>	<i>UpdateEffect</i>	constant	<i>fef004</i>
<i>TS_rows</i>	constant	<i>fef004</i>	<i>Ustate</i>	type abbrev	<i>fef006</i>
<i>TsqlClassName</i>	type abbrev	<i>fef028</i>	<i>Ustate_t</i>	type abbrev	<i>fef021</i>
<i>TsqlCol</i>	type constructor	<i>fef028</i>	<i>UnderClassified</i>	constant	<i>fef004</i>
<i>TsqlName</i>	type abbrev	<i>fef028</i>	<i>union</i>	constant	<i>fef014</i>
<i>TsqlRepr</i>	type abbrev	<i>fef028</i>	<i>unique_name</i>	constant	<i>fef029</i>
<i>Tuple</i>	type abbrev	<i>fef014</i>	<i>upb_row_class</i>	constant	<i>fef029</i>
<i>Tuple_list</i>	constant	<i>fef014</i>	<i>update</i>	constant	<i>fef014</i>
<i>Tuple_list</i>	type constructor	<i>fef014</i>	<i>updateField</i>	constant	<i>fef005</i>
<i>Tuple_list_all_tuples</i>	constant	<i>fef014</i>	<i>updateQuery</i>	constant	<i>fef005</i>
<i>Tuple_list_complete</i>	constant	<i>fef014</i>	<i>updateRow</i>	constant	<i>fef005</i>
<i>Tuple_list_complete_p</i>	constant	<i>fef014</i>	<i>updateRowList</i>	constant	<i>fef014</i>
<i>Tuple_list_evaluate</i>	constant	<i>fef014</i>	<i>updateState</i>	constant	<i>fef005</i>
<i>Tuple_list_p</i>	constant	<i>fef014</i>	<i>updateStateR</i>	constant	<i>fef005</i>
<i>Type</i>	type abbrev	<i>fef004</i>	<i>updateState_t</i>	constant	<i>fef021</i>
<i>TypeDefn</i>	constant	<i>log</i>	<i>update_top_scope</i>	constant	<i>fef029</i>
<i>tabExists</i>	constant	<i>fef005</i>	<i>upper</i>	constant	<i>fef029</i>
<i>tabFromEffect</i>	constant	<i>fef004</i>	<i>user</i>	constant	<i>fef014</i>
<i>table_name</i>	constant	<i>fef029</i>	<i>userClearance</i>	constant	<i>fef014</i>
<i>take_data</i>	constant	<i>fef014</i>	<i>userDirectory</i>	constant	<i>fef014</i>
<i>tc_class_name</i>	constant	<i>fef028</i>	<i>userName</i>	constant	<i>fef014</i>
<i>tc_dinary_name</i>	constant	<i>fef028</i>	<i>VALUE_COMP</i>	type abbrev	<i>fef032</i>

<i>Val</i>	type abbrev.	<i>fef004</i>	<i>WHEN_ors</i>	constant	<i>fef028</i>
<i>Value</i>	constant	<i>fef014</i>	<i>WHEN_simple</i>	constant	<i>fef028</i>
<i>Value</i>	type constructor	<i>fef014</i>	<i>WHEN_specific</i>	constant	<i>fef028</i>
<i>ValueComputations</i>	constant	<i>fef032</i>	<i>WHEN_stringType</i>	constant	<i>fef028</i>
<i>ValuedItem</i>	type constructor	<i>fef004</i>	<i>WHEN_timeType</i>	constant	<i>fef028</i>
<i>ValuedItemItem</i>	constant	<i>fef004</i>	<i>WHEN_upb</i>	constant	<i>fef028</i>
<i>Value_all_binop</i>	constant	<i>fef014</i>	<i>WHEN_variable</i>	constant	<i>fef028</i>
<i>Value_binop</i>	constant	<i>fef014</i>	<i>Where</i>	constant	<i>fef032</i>
<i>Value_classification</i>	constant	<i>fef014</i>	<i>Worth</i>	type abbrev.	<i>fef004</i>
<i>Value_monop</i>	constant	<i>fef014</i>	<i>well_factored</i>	constant	<i>fef043</i>
<i>Value_set_func_all</i>	constant	<i>fef014</i>	<i>worthless</i>	constant	<i>fef004</i>
<i>Value_p</i>	constant	<i>fef014</i>	<i>wrongScope</i>	constant	<i>fef029</i>
<i>VI_val</i>	constant	<i>fef004</i>	<i>wrongType</i>	constant	<i>fef004</i>
<i>VI_worth</i>	constant	<i>fef004</i>	<i>wrongWorth</i>	constant	<i>fef029</i>
<i>View_s</i>	constant	<i>fef026</i>	<i>x_ml_secure</i>	constant	<i>fef040</i>
<i>View_t</i>	constant	<i>fef026</i>	<i>Zero</i>	constant	\mathbb{N}
<i>View_t_secureE</i>	constant	<i>fef031</i>	<i>#</i>	alias	<i>fin_set</i>
<i>VisibleOutput</i>	constant	<i>fef042</i>	<i>#</i>	alias	<i>seq</i>
<i>VisibleReq</i>	constant	<i>fef042</i>	\downarrow	constant	<i>fef040</i>
<i>VoidVal</i>	constant	<i>fef004</i>	\uparrow	constant	<i>fef040</i>
<i>value_class</i>	constant	<i>fef029</i>	$\&$	alias	<i>fef014</i>
<i>value_data</i>	constant	<i>fef029</i>	$\&_1$	constant	<i>fef014</i>
<i>value_info</i>	constant	<i>fef029</i>	$\&_2$	constant	<i>fef014</i>
<i>value_type</i>	constant	<i>fef029</i>	$\&_3$	constant	<i>fef014</i>
<i>visibleCols</i>	constant	<i>fef005</i>	$\&_4$	constant	<i>fef014</i>
<i>W</i>	constant	<i>fef035</i>	$\&_5$	constant	<i>fef014</i>
<i>WHEN</i>	type abbrev.	<i>fef028</i>	$\&_6$	constant	<i>fef014</i>
<i>WHEN_absolute</i>	constant	<i>fef028</i>	$*$	alias	<i>fef014</i>
<i>WHEN_and</i>	constant	<i>fef028</i>	$*$	constant	\mathbb{N}
<i>WHEN_anonymous_column</i>	constant	<i>fef028</i>	$**$	alias	<i>fef014</i>
<i>WHEN_anon_s</i>	constant	<i>fef028</i>	$*_1$	constant	<i>fef014</i>
<i>WHEN_anon_t</i>	constant	<i>fef028</i>	$*_2$	constant	<i>fef014</i>
<i>WHEN_anon_tc</i>	constant	<i>fef028</i>	$*_3$	constant	<i>fef014</i>
<i>WHEN_anon_tn</i>	constant	<i>fef028</i>	$*_4$	constant	<i>fef014</i>
<i>WHEN_anyType</i>	constant	<i>fef028</i>	$*_5$	constant	<i>fef014</i>
<i>WHEN_booleanType</i>	constant	<i>fef028</i>	$*_6$	constant	<i>fef014</i>
<i>WHEN_CONST</i>	type abbrev.	<i>fef028</i>	$*_7$	constant	<i>fef014</i>
<i>WHEN_classType</i>	constant	<i>fef028</i>	$+$	constant	\mathbb{N}
<i>WHEN_codeType</i>	constant	<i>fef028</i>	$+$	type constructor	<i>sum</i>
<i>WHEN_column</i>	constant	<i>fef028</i>	$,$	constant	<i>pair</i>
<i>WHEN_constant</i>	constant	<i>fef028</i>	$-$	constant	\mathbb{N}
<i>WHEN_constant_class</i>	constant	<i>fef028</i>	constant	<i>seq</i>
<i>WHEN_constant_null</i>	constant	<i>fef028</i>	$<$	constant	\mathbb{N}
<i>WHEN_constant_ec</i>	constant	<i>fef028</i>	$=$	constant	<i>min</i>
<i>WHEN_constant_tc</i>	constant	<i>fef028</i>	$>$	constant	\mathbb{N}
<i>WHEN_default</i>	constant	<i>fef028</i>	$@$	alias	<i>fun_rel</i>
<i>WHEN_enumType</i>	constant	<i>fef028</i>	$@$	alias	<i>list</i>
<i>WHEN_exception</i>	constant	<i>fef028</i>	\backslash	constant	<i>sets</i>
<i>WHEN_fixedType</i>	constant	<i>fef028</i>	\sim	constant	<i>sets</i>
<i>WHEN_intervalType</i>	constant	<i>fef028</i>	\subseteq	constant	<i>sets</i>
<i>WHEN_local_identifier</i>	constant	<i>fef028</i>	\supseteq	constant	<i>bin_rel</i>
<i>WHEN_monoleanType</i>	constant	<i>fef028</i>	\in	constant	<i>sets</i>
<i>WHEN_names</i>	constant	<i>fef028</i>	\in_1	constant	<i>wrk049</i>
<i>WHEN_name_t</i>	constant	<i>fef028</i>	\rightarrow	constant	<i>fun_rel</i>
<i>WHEN_name_tc</i>	constant	<i>fef028</i>	\triangleright	constant	<i>bin_rel</i>
<i>WHEN_name_tn</i>	constant	<i>fef028</i>	\rightsquigarrow	constant	<i>fin_set</i>
<i>WHEN_none_t</i>	constant	<i>fef028</i>	\mapsto	constant	<i>fin_set</i>
<i>WHEN_nullType</i>	constant	<i>fef028</i>	\subset	constant	<i>sets</i>
<i>WHEN_ok</i>	constant	<i>fef028</i>	\cap	constant	<i>sets</i>

\ominus	constant	sets
\Leftrightarrow	alias	misc
\bigcup	constant	sets
\bigcup_2	constant	fef032
\leftrightarrow	constant	bin_rel
\mapsto	type abbrev	bin_rel
\oplus	constant	bin_rel
\rightarrow	constant	fun_rel
\rightarrow	type constructor	min
\wedge	constant	log
\vee	constant	log
\neg	constant	log
\Rightarrow	constant	min
\forall	constant	log
\exists	constant	log
\exists_1	constant	misc
\times	constant	bin_rel
\times	type constructor	pair
\circ	alias	bin_rel
\circ	constant	bin_rel
\circ_f	constant	fef043
\mathbb{N}	constant	\mathbb{N}
\mathbb{N}	constant	\mathbb{N}
\subset	constant	sets
ϵ	constant	min
\dashv	constant	fun_rel
\subset	constant	sets
\vdash	constant	fun_rel
\rhd	constant	fun_rel
Δ	constant	bin_rel
\mathbb{F}	constant	fin_set
\mathbb{F}_1	constant	fin_set
$*$	constant	bin_rel
$+$	constant	bin_rel
\sim	alias	bin_rel
\vdash	constant	fef040
$)$	alias	seq
\Downarrow	constant	bin_rel
\mathbb{Z}	constant	fin_set
\mathbb{Z}	type constructor	\mathbb{N}
\rightarrow	constant	fun_rel
\mathbb{P}	constant	sets
\mathbb{P}	type abbrev	bin_rel
Δ	constant	bin_rel
\neg	constant	seq
\rhd	constant	fun_rel