

ABAP Development Tools

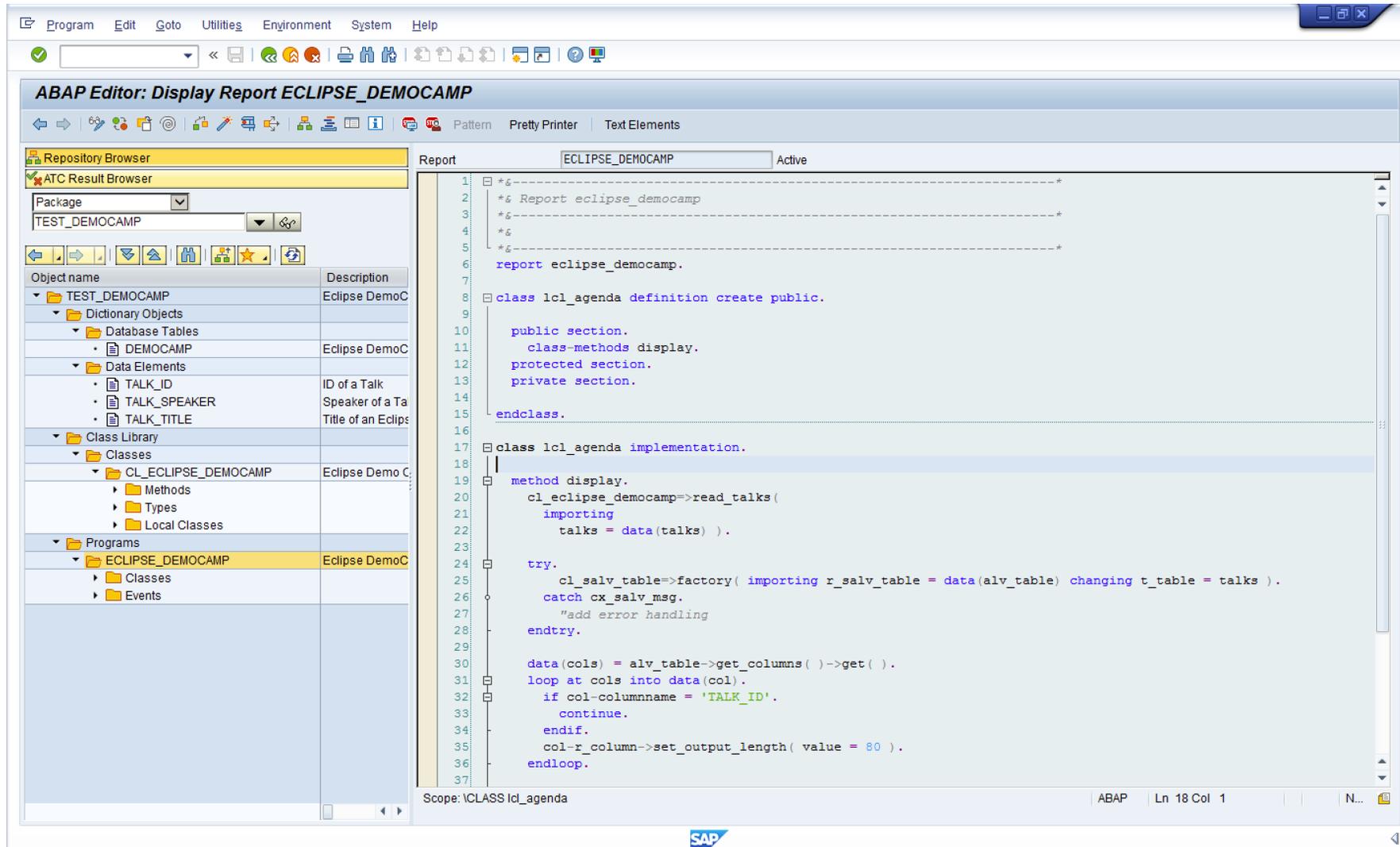
Bringing a server-based programming model to Eclipse

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Screen of ABAP developer in 2008



Screen of ABAP developer working with Eclipse based tools

Lazy Loading

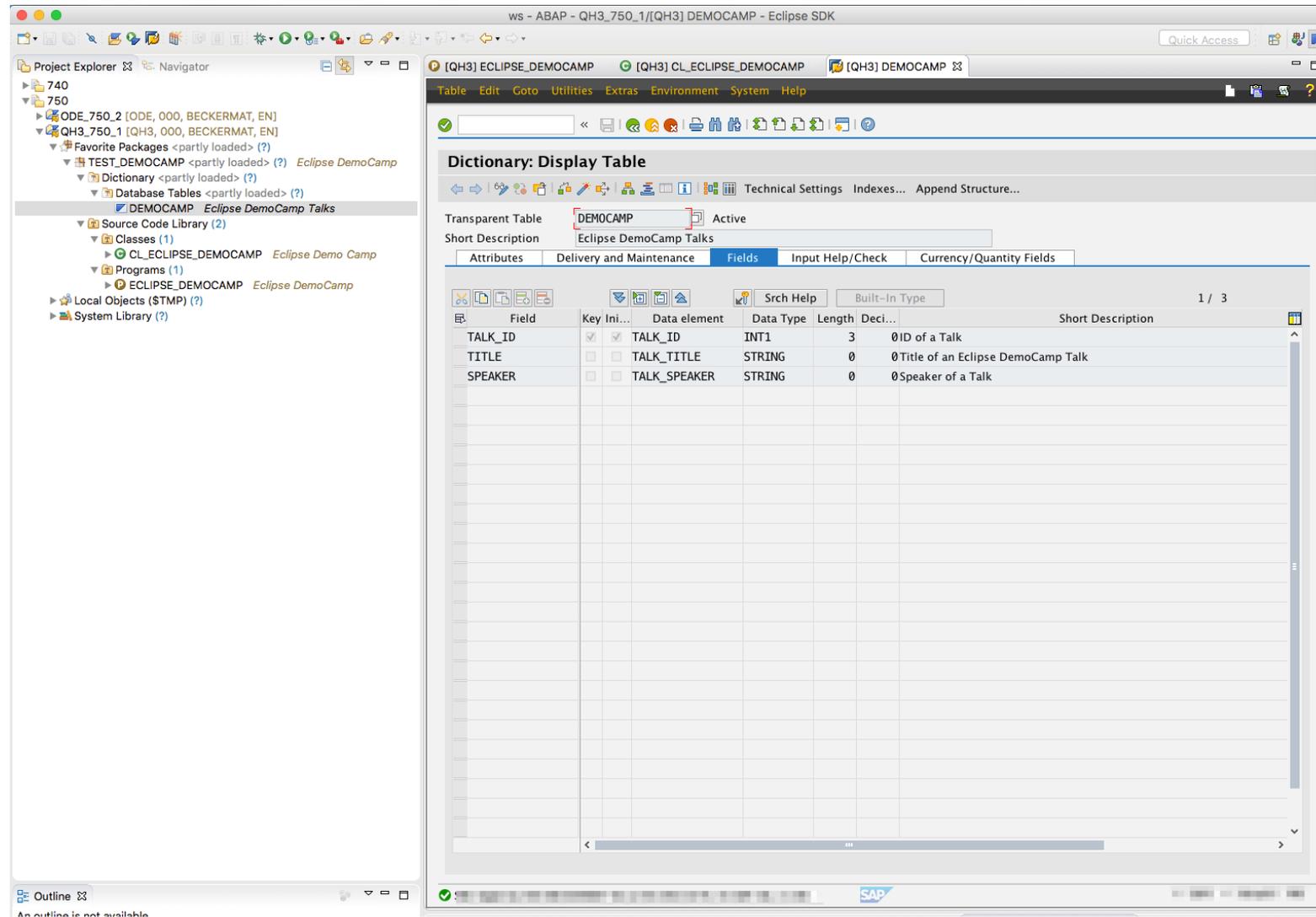
The screenshot displays the Eclipse IDE environment for an ABAP developer. The main editor shows the source code of a class named 'CL_ECLIPSE_DEMOCAMP'. The code includes a 'public section' with a 'read_talks' method and an 'implementation' section with a 'read_talks' method. A tooltip window is open over the 'read_talks' method in the implementation, showing a table structure for 'democamp' with columns 'talk_id' (type 'talk_id') and 'title' (type 'talk_title'). The tooltip also includes documentation for 'Eclipse DemoCamp Talks' and components for 'talk_id' (ID of a Talk) and 'title' (Title of an Eclipse DemoCamp Talk).

The bottom panel of the IDE shows the 'ABAP Communication Log' with the following data:

Time	Session	Request Message	Status	Thread	Elapsed	Server Tl	Communi	Request
08:58:41	QH3_750_	POST /sap/bc/adt/abapsources/codecompletion/elementinfo?uri=%2Fsap%2Fbc%2F	200	Worker-14	41	33	7	0.493
08:58:41	QH3_750_	POST /sap/bc/adt/abapsources/codecompletion/proposal?uri=%2Fsap%2Fbc%2F	200	Worker-13	42	31	10	0.493
08:57:4	QH3_750_	POST /sap/bc/adt/abapsources/codecompletion/elementinfo?uri=%2Fsap%2Fbc%2F	200	Worker-9	39	31	7	0.493
08:57:4	QH3_750_	POST /sap/bc/adt/abapsources/codecompletion/proposal?uri=%2Fsap%2Fbc%2F	200	Worker-5	36	24	11	0.493
08:57:3	QH3_750_	POST /sap/bc/adt/checkruns?reporters=abapCheckRun	200	Worker-4	136	124	11	0.285
08:57:3	QH3_750_	GET /sap/bc/adt/oo/classes/cl_eclipse_democamp/objectstructure?version=activ	200	Worker-6	96	83	12	
08:57:3	QH3_750_	GET /sap/bc/adt/oo/classes/cl_eclipse_democamp	304	ModalContext	66	56	9	
08:57:3	QH3_750_	POST /sap/bc/adt/navigation/target?uri=%2Fsap%2Fbc%2Fadt%2Fprograms%2F	200	Worker-9	82	68	13	1.093
08:57:2	QH3_750_	POST /sap/bc/adt/checkruns?reporters=abapCheckRun	200	Worker-12	268	255	12	0.289
08:57:2	QH3_750_	GET /sap/bc/adt/programs/programs/eclipse_democamp	304	ModalContext	114	101	12	
08:57:2	QH3_750_	POST /sap/bc/adt/repository/informationssystem/virtualfolders/contents	200	Worker-8	347	334	12	0.381
08:57:2	QH3_750_	POST /sap/bc/adt/repository/informationssystem/virtualfolders/contents	200	Worker-2	188	177	10	0.381

Asynchronous Communication

Closing the gap with embedded SAPgui



More Information

Links

- Update Site: <https://tools.hana.ondemand.com/#abap>
- ABAP in Eclipse on SCN: <https://scn.sap.com/community/abap/eclipse>
- ABAP in Eclipse on YouTube: <https://www.youtube.com/watch?v=BXg7xXrEAUw>

Contact Information

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Thank you