

## Teaching Software requirements 2016/17

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### Key

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field	purpose
Course	Course Code
Semester	Taught in Semester
Lecturer	Course Lecturer
Software	Software required for course
Change/no change/new	Version changes or new software
Status	Upgrade or installation (or not) status
RT	RT ticket relating to request
DB	Yes if Theon updated with changes

colour	meaning
<b>New Software</b>	New software required
<b>New Version</b>	New software version or checks required
<b>No Change</b>	No change this time or all done

## Software Requirements

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<u>Course</u>	<u>Semester</u>	<u>Lecturer</u>	<u>Software</u>	<u>Change/no change/new</u>	<u>Status</u>	<u>RT</u>
??	S2	??	<a href="#">TensorFlow</a>	change	ainr to update	
AR	S1	jdf	Isabelle (latest, with polyml integration)	change	rpms built, waiting testing	<a href="#">RT:78591</a>
CQI	S2	cheunen	Quantomatic (latest)	new	to do	<a href="#">RT:78636</a>
IJP	S1	dcspaul	Java, <a href="#">JavaFx</a> Scenebuilder, Eclipse, <a href="#">BlueJ</a> (all latest versions)	change	updated bluej to 3.1.7	<a href="#">RT:78637</a>
COPT	S2	hleather	None	no change	nothing needed	<a href="#">RT:78640</a>
ABS	S2	mrovatso	None	no change	nothing needed	<a href="#">RT:78641</a> <a href="#">RT:80649</a>
EPL	S1	jcheney	Scala 2.11 (without Scala Eclipse plugin necessarily)	no change	nothing needed	<a href="#">RT:78643</a>
EXC	S1	kheafiel	GNU parallel and Hadoop	change	parallel updated, new hadoop cluster installing	<a href="#">RT:78645</a>
MLPR	S1	imurray2	Python 2.7 and 3.5, <a href="#">NumPy</a> ( $\geq 1.10$ ), <a href="#">SciPy</a> , Matplotlib, octave (latest) plus BLAS/ATLAS integration	change	to do	<a href="#">RT:78646</a>
TSPL	S2	wadler	Coq 8.4, compatible of <a href="#">CoqIDE</a> and Proofgeneral	change	check emacs warning and verify versions	<a href="#">RT:78647</a>
CP	S1	jcb	gcc, SDL and SDL-devel	no change	checks needed to verify all there	<a href="#">RT:78649</a>
INF1-FP	S1	dts	cabal-install emacs-haskell-mode ghc (7.8.4) and ghci. <b>REVISED</b> atom 1.10 instead of emacs, with haskell support	new	New software required	<a href="#">RT:78652</a> <a href="#">RT:78934</a>
CD	S1	npt	Xilinx Vivado 2015.2 package, together with the various drivers that are listed with Vivado on the current pages for 2015/16 teaching software.	no change	checks needed plus license file update	<a href="#">RT:78655</a>
INF2A	S1	jrl	Java and Javac	no change	checks needed for version verification	<a href="#">RT:78656</a>
BIO2	S2	mhennig	python-biopython (latest)	change	install	<a href="#">RT:78660</a>

					latest (1.6.8) waiting for test ok Built	<a href="#">RT:80645</a>
<b>PPLS</b>	S2	mic	openmpi (latest)	change	install latest (2.0.0)	<a href="#">RT:78665</a>
<b>OS</b>	S2	mob	QEMU (latest)	new	sticking with default qemu, too tied in to OS	<a href="#">RT:78673</a>
<b>COMN</b>	S2	mlee23	<a href="#">VirtualBox</a> : the default version, the COMN linux VM image that has Dummynet software package	no change	checks needed to verify dummynet	<a href="#">RT:78683</a> <a href="#">RT:80857</a>
<b>IVR</b>	S1	mfallon	Matlab (latest) python3 (latest)	change	check hardware priveleges (gde aware)	<a href="#">RT:78699</a>
<b>DBS</b>	S1	pguaglia	<a href="#">PostgreSQL</a> (latest)	no change	check module-dbs grants pgteach permission	<a href="#">RT:78704</a>
<b>PM</b>	S2	jeh	Matlab (latest), eclipse (latest)	no change	check to verify versions	<a href="#">RT:78705</a> <a href="#">RT:80670</a>
<b>CCS</b>	S1	keller	Matlab (latest) only, dropping R, R-lme4, and Cogent	no change	nothing needed	<a href="#">RT:78718</a>
<b>NLU</b>	S2	keller	Python2.7.5 (or most recent), plus gensim 0.13.3 <a href="https://radimrehurek.com/gensim/">https://radimrehurek.com/gensim/</a> pandas any version numpy current default Dice version is fine json current default Dice version is fine	changes	new software (python packages)	<a href="#">RT:78719</a> <a href="#">RT:80757</a>
<b>SDP</b>	S2	jeh	Arduinoide (if possible an updated version - currently 1.0.6) Opencv Vlc Xawtv Minicom or other suitable Terminal program for serial port use mplayer/mencoder (if possible), ROS (maybe), gutton's VLC video streaming scripts	change	needed: arduino-ide	<a href="#">RT:78745</a>
<b>RL</b>	S2	ram	Arcade Learning Environment	new software	awaiting full response	<a href="#">RT:78752</a>

<b>CCN</b>	S2	pseries	Matlab plus psychophysics toolbox	change	to do	<a href="#">RT:78753</a>
<b>INF2B</b>	S2	hshimoda	Matlab (latest) Octave (4.03 if poss)	no change	installed octave 4.03	<a href="#">RT:78779</a> <a href="#">RT:80717</a>
<b>ANLP</b>	S1	ht / sgwater	nlTK, nlTK_data and iPython (py2.7) python2.7	no change	nothing needed	<a href="#">RT:78968</a>
<b>INF1-OP</b>	S2	thospeda / sviglas	- Eclipse Latest (4.5?) - Java/javac (Java8) - JUnit (Junit4)	no change	checks required	<a href="#">RT:79004</a>
<b>SELP</b>	S1	stg	Android Studio	possible change	Android SDK already there - is that the same thing?	<a href="#">RT:79227</a>
<b>AILP</b>	S1	smaill	Python 3.4-compatible version of python-igraph	possible new software	Checks required	<a href="#">RT:79551</a>
<b>PI</b>	S1	wadler	Video editing software	new software	Trialling blender before site wide install	<a href="#">RT:80019</a>
<b>FV</b>	S2	jdf	<b>NuSMV</b> 2.6.0, CProver (CBMC)	changes	new software packaed iainr	<a href="#">RT:80675</a>
<b>RC</b>	S2	mcryan	Nothing in particular	no change	nothing needed	<a href="#">RT:80669</a>
<b>INF2D</b>	S2	mherrman	PL 5.10.2, matlab, haskell	no change	All there already	<a href="#">RT:80653</a>
<b>FNLP</b>	S2	ht	Python 2.7, iPython (py2.7), nlTK, nlTK_data, matplotlib	no change	All there already	<a href="#">RT:80648</a>
<b>ADBS</b>	S2	pguaglia	<a href="#">PostgreSQL</a> , latest version (9.6.1), Pyscopg2 Python module, latest version (2.6.2), Java Development Kit	new software	new software required	<a href="#">RT:80647</a>
<b>CQI</b>	S2	cheunen	Quantomatic	new software	new software being packaged iainr	<a href="#">RT:80646</a>
<b>SP</b>	S2	da	Virtual Box, with USB support	possible change	checks required	<a href="#">RT:80644</a>
<b>DME</b>	S2	mgutmann	Same as IAML (nothing in particular)	no change	All there already (I believe)	<a href="#">RT:80789</a>
<b>ES</b>	S2	bfranke	we need some udev rules to be set in /etc/udev/rules.d/10-freescale.rules,	possible changes	Possible changes,	<a href="#">RT:80926</a>

			plus as the boards will advertise their own IP addresses (no DHCP) we need the network ports in G.A11 to be set up accordingly.		especially re dev rules	
<b>INF1-DA</b>	S2	stark	The "Open Corpus Workbench" (ocwb) from <a href="http://cwb.sourceforge.net/">http://cwb.sourceforge.net/</a> It's the "cqp" command-line tool we specifically need. Latest. Command "dia", <a href="#">LibreOffice</a> Draw and Base, <a href="#">PostgreSQL</a> , the <a href="http://pgteach.inf.ed.ac.uk">pgteach.inf.ed.ac.uk</a> server, and the inf1da database there.	no change	No action required	<a href="#">RT:81339</a>
<b>FV</b>	S2 + "a couple of weeks"	pbj	GNAT Ada 2016, and SPARK 2016	new software	new software required	<a href="#">RT:81524</a>

## TODO:

- [GenSim 0.12.3](#) - [RT:75634](#)
- "conll2007" NLTK corpus - [RT:75631](#)

-- [GrahamDutton](#) - 19 Jul 2016

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