

OBJECTIVES	
From chapter 10: Engineering SaaS	
• Scrum	
Version control	
• Git / Github	
■ Postman	
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VERSION CONTROL TRADEOUS				
	Centralized VC	Distributed VC		
Branching and Merging	Not easy. Users manually track which revisions have been merged between branches	Creating, managing and removing branches is simple		
Synchronization	No way to share changes between users except through central server	Users can exchange code and collaborate directly: peer to peer		
Offline commits	Not supported. Requires network connection to central server	Supported to local repositories		
Backup	If central server fails, all data is lost. Reliant on server backup	Source code copies are everywhere. User copies are "remote" backups. Provides security against data loss		
Performance	Slow operations to central server. Becomes overloaded with large teams	Operations are fast because central server communication is minimized		
Complexity	Very easy to setup and use, conceptually simple	More complex and requires time to learn generally		

CENTRALIZED VS. DISTRIBUTED













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CODE REVIEWS

- Pair programming eliminates the need
- What if not programming in pairs?
- Plan and document processes: formal code reviews
- Agile source management: PULL requests
- Developers perform SHORT reviews on new code when merging pull requests
- If concerns arise, short discussions ensue Reviews becomes mandatory when merge conflicts arise
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POSTMAN

- Chrome plug-in
- Browser based generic webservices client
- Alternative to command-line curl
- Create/invoke webservices tests
- Provide files, raw text as an input, etc.
- Also, other similar browser plugins exist
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	POSTMAN - DEMO	
Installed in	to chrome as an extension	
Extension n Visit: chro	nenu ome://apps/	
■Postman ru	nner: batch tests, batch POSTs	
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	POSTMAN DEMO				
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