iScience.eu: A toolbox for Internet-based research and teaching

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Specific situation in the Behavioral and Social Sciences

- Research can often be done via Web
- Research becomes more public: visible, more open (transparent), --> dialogue
- *Online research integrates with E-learning*

Benefits for researchers, the public, and students

- Researchers: Find participants fast and from diverse samples (total about specific 20 advantages; Reips, 2000)
- Public: Participate in real research, get informed, do research (surveys, experiments), help with simple tasks: "Citizen science"
- Students: Research-guided learning, at forefront of current research, learning by doing in real research and with real tools
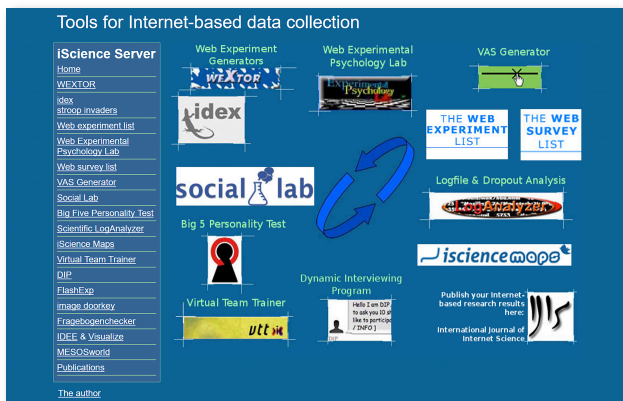
iScience Server (iscience.eu)

A portal that links to a number of tools that fulfill the following functions:

1. Create Internet-based studies (WEXTOR, iDex, stroop invaders),
2. Create measures, e.g. visual analogue scales for Web questionnaires (VASgenerator.net),
3. Recruit participants (web experiment list, web survey list, Web Experimental Psychology Lab),
4. Analyze log files (Scientific LogAnalyzer),
5. Include an Internet-based Big Five personality test with other studies,
6. Create your own "Facebook" and perform research in a social network, teams and groups (Social Lab, VTT),
7. Analyze tweets; Run automatic interviews in instant messaging (iScience Maps, DIP),
8. Check your surveys (Questionnaire checker),
9. Secure your sites (image doorkey)
10. Teach Internet-based research and statistics (FlashExp, IDEE, Visualize, MESOSworld, WEXTOR)

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