

## RAGE reusable game software RAGE components

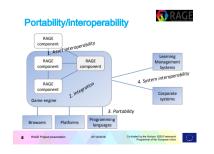
Data analysis	Game intelligence
Data capturing Sensors Emotion detection Competences Learning analytics Assessment Evaluation	Social agents Natural language Dialogues Game balancing Storytelling Procedural animation Gamification
RAGE Project presentation 07/10/2016	Co-funded by the Horizon 2020 Framework Programme of the European Ution

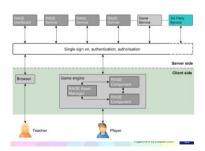
WP2 User data analytics	WP3 Strategic and Social Agency
Server-Side Interaction Storage and Analytics Step based competence assessment	Emotional Appraisal Emotional Decision Making
ReaderBench - Sentiment Analysis on Texts	Social Importance Dynamics Virtual Human Controller
Server-side Dashboard and Analysis Game Storage - Server-Side	Role-Play Character Integrated Authoring Tool
Client Tracker	ReaderBench - Semantic Models and Topic Mining
Domain Model Asset	ReaderBench - Automated Essay Grading
Competence Assessment Asset	ReaderBench - Automated Assessment of Participation and Collaboration in CSCL Conversations
Motivation Assessment Asset	ReaderBench - Automated Identification of Reading Stategies
Real-Time Arousal Detection Using Galvanic Skin Response	Communication Scenario Editor
Game Storage - Client-Side	Speech I/O
Client-Side Real-Time Emotion Recognition	Adaptation and Assessment (TwoA) Asset
	Competence-based Adaptation Asset
	Motivation-based Adaptation Asset
	Player Profiling Asset
	Cognitive Intervention Asset
	Player-Centric Rule-and-Pattern-Based Adaptation
	Social Gamification Assets (SUGAR)

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3	RAGE	Dujuti EX2 merupture Nava Bog Satital Alarum Gravitaals	Contact (B)
oft	ware assets invento	NY www.init.experies	1 International
	Asset name	Shert description	More details
	Server-Dide Interaction Storage and Analytics	Readplin-deptoy server-olde implementation of a listic collection and storage server. Handles authentication and supports commit candidate for exchange of instruction data.	1000 101023
2	Sign here if competence assessment	Produces an on-the-by stantin-sectomers of a particular player shift, based an page mean strong allowing and any of scenarios game stanting the MARE Communication Status billion. Resultes informational advances are possible following straps of each step in the sorties of interactions in the scenario	1000 101003
3	ReaderBench - Senimens Analysis on Texis	Sentiment analysis and ophotox writing analysis tool. Analyses tools in-multiple languages. Record on the identification of its major performent withouts junction, and, scaned, angry, tender and heppy]	1000 011023
•	Authentitation & Authorization	Provides a central location where clients can authenticate and locate server olde assets, including analysis. Servers can also regione to locate other servers and be locatelie by clients, restricting access using configurable roles.	acces prima
	Game Storage, Server Side	Allows games (or authenticated clarits or servers) to store small amounts of data on either locals or on the server, associated to arbitrary less, and later retries, modify or erase this data.	1000













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	ample 2: Na	atural I	angi	uage	₹}	RAGE
TEXTUAL	COMPLEXITY	CONCEPT M/	P			
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16.875	Readability Kincaid	0.34	resears	M		言:"
12.962	Readability Dale-Chail	0.342	andy	ACK.	VAL	Hoter.
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220.222	Average paragraph length (ch	0.332	differen	Syrowth 7	AND AND AND	critical quality
	Average number of commas p	0.276	market			
1.2	Average number of commas p	0.291	innovation			
**.1	Average sentence length (cha	0.288	growth			
19 10	AGE Project presentation	07/10/2016		Co-funded by the Programm	Horizon 2020 Fram ne of the European	ework Union

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Exploiting the players da	ata trails:	
<ul> <li>Which data to select?</li> </ul>	?	
<ul> <li>Which statistical proc</li> </ul>	edures to use?	
How to apply and inte The second s	Performance statistics component	<ul> <li>Population statistics</li> <li>Normality check</li> <li>F-test/T-tec comparison</li> </ul>

