Functional differential equations with maxima, via step by step contraction principle

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T.A. Burton presented in some examples of integral equations a notion of progressive contractions on $C([a,\infty[)$. In 2019, I.A. Rus formalized this notion (I.A. Rus, *Some variants of contraction principle in the case of operators with Volterra property: step by step contraction principle*, Advances in the Theory of Nonlinear Analysis and its Applications 3 (2019) No. 3, 111-120), put "step by step" instead of "progressive" in this notion, and give some variant of step by step contraction principle in the case of operators with Volterra property on $C([a,b],\mathbb{B})$ and $C([a,\infty[,\mathbb{B})$, where $\mathbb{B}$ is a Banach space. In this paper we use the abstract result given by I.A. Rus, to study some classes of functional differential equations with maxima.